	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	Q
1	Project	GAINS4_	GAINS4_	Country	GAINS3_	TestBatcl	IsOutbrea	SiteName	Concurre	District	StateProv	SiteLatitu	SiteLongi	EventLati	EventLon	EventDate	Season
2	P2	1511	42412	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2518	110.283	25.2518	110.283	6/20/2016	Wet
3	P2	1512	42412	China	EcoHealth	CN-Bats 0	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2518	110.283	25.2518	110.283	6/20/2016	Wet
	P2	1535	42714			CN-Bats 0		Yunnan-X	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	5/25/2016	Wet
	P2	1536	42746			CN-Bats 0			Concurrer		Yunnan	24.4646		24.4533	102.326	5/20/2016	Wet
	P2	3853	248297			CN-P2Y3					Guang Xi		110.358	25.2806	110.358	4/27/2017	
	P2	3854	248310			CN-P2Y3					Guang Xi			25.2806	110.358	4/27/2017	Wet
	P2	3855	248373		EcoHealth	CN-P2Y3	no				Guang Xi			25.2766	110.358	5/14/2017	
	P2	3856	248374			CN-P2Y3		Guangxi-0	Independe	Guangxi 2	Guang Xi		110.358	25.2766	110.358	5/14/2017	
	P2	3857	248505			CN-P2Y3				_	Guangdor	23.7185	113.735	23.7185	113.735	6/6/2017	
	P2	3858	248563			CN-P2Y3			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
	P2	3859	248566			CN-P2Y3			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
	P2	3860	248603			CN-P2Y3			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
	P2	3861	248998			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	4625	296666			P2Y3 Bat		Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	
_	P2	4626	297002		EcoHealth	P2Y3 Bat	no		Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
	P2	4627	297483			P2Y3 Bat		Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	7716	678829			CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
_	P2	7717	678829			CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7718	678846			CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7719	678849	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7720	678913	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
	P2	7721	678915			CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7722	678916			CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
_	P2	7723	679064			CN-P2Y4	-	Yunnan-X	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
	P2	7724	679324			CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
	P2	7853	710989	China	EcoHealth	CN-P2Y3					Guangdor	23.1201	113.338	23.1201	113.338	1/17/2017	Dry
	P2	7857	711059			CN-P2Y3					Guangdor	23.1201	113.338	23.1201	113.338	1/17/2017	
	P2	7858	711067	China	EcoHealth	CN-P2Y3	no	Guangdo	Independe	Guangzho	Guangdor	23.1201	113.338	23.1201	113.338	1/17/2017	Dry
	P2	7859	711074	China	EcoHealth	CN-P2Y3	no				Guangdor	23.1722	113.449	23.1722	113.449	1/20/2017	Dry
	P2	7860	711082			CN-P2Y3		Guangdo	Independe	Guangzho	Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	
	P2	7863	711094		EcoHealth	CN-P2Y3	no	Guangdo	Independe	Guangzho	Guangdor			23.1486	113.221	3/7/2017	
	P2	7864	711096			CN-P2Y3					Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	
	P2	7867	711116	China	EcoHealth	CN-P2Y3	no	Guangdo	Independe	Guangzho	Guangdor	23.1486		23.1486	113.221	3/7/2017	
	P2	7870	711502			CN-P2Y3					Guangdor		113.209	23.1576	113.209	5/9/2017	
	P2	7872	711504			CN-P2Y3		Guangdo	Independe	Guangdo	Guangdor	23.1576		23.1576	113.209	5/9/2017	
	P2	7873	711512			CN-P2Y3			<u> </u>		Guangdor	23.0633	113.253	23.0633	113.253	5/9/2017	
38	P2	8047	734995	China	EcoHealth	CN-P2Y3	no	Guangdo	Independe	Guangzho	Guangdor	23.0901	113.254	23.0901	113.254	6/28/2017	Wet
	P2	9536	711105			CN-P2Y3					Guangdor			23.1486	113.221	3/7/2017	
40		9538	711047			CN-P2Y3					Guangdor				113.221	3/7/2017	
41		9539	711052			CN-P2Y3					Guangdor			23.1486		3/7/2017	
42		9540	711053			CN-P2Y3					Guangdor				113.221	3/7/2017	
43		9541	711496			CN-P2Y3					Guangdor		113.209				
44		7509	663447			CN-P2Y4			Concurrer		Yunnan	22.4319					
45		7528	676280			CN-P2Y4			Concurrer		Yunnan	24.4646		24.4646		5/10/2018	
46		7530	676368			CN-P2Y4			Concurrer		Yunnan	24.4646		24.4646		5/10/2018	
47		7533	676403			CN-P2Y4			Concurrer		Yunnan	24.4646				5/10/2018	
48		7535	676405			CN-P2Y4			Concurrer		Yunnan	24.4646				5/10/2018	
49	P2	7536	676536	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet

	R S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
1	Duration[EventNan	AnimallD	TaxaGrou	AnimalCl	SpeciesS	SpeciesE	AnimalSa	Sex	Specimer	Specime	TestName	LabSubm	TestDate				
2	1 CN-Guanç	160830	bats	free-rangii	Taphozou	Black-bea	#######	female			160830-21						Paramyxo
3	1 CN-Guan			free-rangii	Taphozou	Black-bea	#######	female			160830-21			#######	Wuhan In	Convention	Paramyxo
4	1 CN-Yunna		bats	free-rangii	Rhinoloph	Intermedia	#######	male	160794-1	rectal swa	160794-1	#######	#######				Paramyxo
5	2 CN-Yunna			free-rangii				male			160697-21						Paramyxo
6	1 CN-Guan			free-rangii				male	CNAB004	rectal swa	CNAB004	#######					Paramyxo
7	1 CN-Guanç	CNAB006	bats	free-rangii	Rhinoloph	Chinese h	#######	female			CNAB006			#######	Wuhan In	Convention	Paramyxo
8	1 CN-Guan			wild anima				female			CNAB012						Paramyxo
9	1 CN-Guan			wild anima				female			CNAB012		2/5/2018				Paramyxo
10	1 CN-Guanç			free-rangii				male			CNAB025						Paramyxo
11	1 CN-Yunna			free-rangii			#######	female			CNAB031		2/5/2018				Paramyxo
12	1 CN-Yunna			free-rangii				female			CNAB031						Paramyxo
13	1 CN-Yunna			free-rangii			#######	female			CNAB035						Paramyxo
14	1 CN-Yunna			free-rangii				male			CNAB074						Paramyxo
15	1 CN-Guan			free-rangii				male			CNAB001		4/7/2018				Paramyxo
16	1 CN-Yunna			free-rangii			#######	female			CNAB035		4/7/2018				Paramyxo
17	1 CN-Yunna			free-rangii				male			CNAB083		4/7/2018				Paramyxo
18	15 CN-Yunna			free-rangii				male			CNAB102		#######				Paramyxo
19	15 CN-Yunna			free-rangii				male			CNAB102						Paramyxo
20	15 CN-Yunna			free-rangii				male			CNAB104		#######				Paramyxo
21	15 CN-Yunna			free-rangii				female			CNAB104		#######				Paramyxo
22	15 CN-Yunna			free-rangii				male			CNAB111						Paramyxo
23	15 CN-Yunna			free-rangii				male			CNAB111		#######				Paramyxo
24	15 CN-Yunna			free-rangii				male			CNAB111		#######				Paramyxo
25	9 CN-Yunna			free-rangii				female			CNAB126						Paramyxo
26	7 CN-Yunna			free-rangii				female			CNAB152						Paramyxo
27	1 CN-Guand							female			CHAR001						Paramyxo
28	1 CN-Guand							female	-		CHAR000						Paramyxo
29	1 CN-Guano							male			CHAR001						Paramyxo
30	1 CN-Guano 1 CN-Guano							male			CHAR002 CHAR002						Paramyxo Paramyxo
	7 CN-Guan										CHAR002						Paramyxo
32	7 CN-Guan										CHAR004						Paramyxo
34	7 CN-Guang										CHAR004						Paramyxo
35	1 CN-Guan										CHAR023						Paramyxo
36	1 CN-Guan										CHAR024						Paramyxo
37	1 CN-Guan										CHAR024						Paramyxo
38	1 CN-Guan										CHAR028						Paramyxo
39	7 CN-Guan					-					CHAR005						Paramyxo
40	7 CN-Guan										CHAR007						
41	7 CN-Guan										CHAR007						Paramyxo
42	7 CN-Guan										CHAR007						Paramyxo
43	1 CN-Guan										CHAR023						Paramyxo
44	14 CN-Yunna										CNAR036						Coronavir
45	15 CN-Yunna			free-rangii							CNAB093						Coronavir
46	15 CN-Yunna		-	free-rangii							CNAB098						Coronavir
47	15 CN-Yunna			free-rangii							CNAB099				Wuhan In		
48	15 CN-Yunna			free-rangii							CNAB100						Coronavir
49	15 CN-Yunna			free-rangii							CNAB106						Coronavir
70	.5 011 1411114	C. 17 LD 100	2410		optort	10001001		She			3.0.00		π			20	J 501 511 W 11

	AJ	AK	AL	AM	AN	AO	AP	AQ
1	TestRequ	Methodol	TestResu	Confirma	LabName	Confirma	Confirma	Sequence
2	Tong et al	, PAR	Product fo	Cloning ar	Wuhan Ins	#######	Positive	TCAGGC
3	Tong et al	, PAR	Product for	Cloning ar	Wuhan Ins	#######	Positive	TCAGGC
4	Tong et al	, PAR	Product fo	Direct Sec	Wuhan Ins	#######	Positive	AGAATCA
5	Tong et al	, PAR	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CAAGCAA
6	Tong et al	, PAR	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TAATTTA
7	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	GCAATTA
8	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	AACAGAA
9	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	CAGGCTA
10	Tong et al	, PAR		Direct Sec			Positive	TCAAGCA
11	Tong et al	, PAR		Direct Sec			Positive	CCAAGC
12	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins		Positive	TCAAGC
13	Tong et al	, PAR		Direct Sec			Positive	ATTCTTA
14	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	CAAGCCA
15	Tong et a	, PAR		Direct Sec				TCAAGCA
16	Tong et al	, PAR		Direct Sec				TCTTCCC
17	Tong et al			Direct Sec			Positive	CAGCTTC
18	Tong et al		Product for	Cloning ar	Wuhan Ins	#######	Positive	TCAGGC
19	Tong et al	, PAR		Cloning ar				TCAGGC
20	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	TCAGGC
21	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	TCAGGC
22	Tong et al		Product for	Direct Sec	Wuhan Ins	#######	Positive	TATAACA
23	Tong et al	l, PAR		Direct Sec			Positive	CCAAGC
24	Tong et al		Product for	Direct Sec	Wuhan Ins	#######	Positive	TCAAGCA
25	Tong et al	l, PAR	Product for	Direct Sec	Wuhan Ins		Positive	TCAAGC
26	Tong et al	, PAR		Direct Sec			Positive	TCAGGC
27	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	GTTCATO
28	Tong et al	, PAR	Product for	Direct Sec	Wuhan Ins	#######	Positive	AGGGTT(
29	Tong et al	, PAR		Direct Sec			Positive	GTTCATO
30	Tong et al	, PAR		Direct Sec			Positive	AGAGGT(
31	Tong et a			Direct Sec			Positive	TACCTTA
32	Tong et al	, PAR		Direct Sec			Positive	ATCAGC1
33	Tong et a	, PAR		Direct Sec			Positive	CAAGCCA
34	Tong et al			Direct Sec			Positive	AACTATG
35	Tong et al			Direct Sec			Positive	CAAGCTA
36	Tong et al			Direct Sec			Positive	CAAGCTA
37	Tong et al			Direct Sec			Positive	CAAGCTA
38	Tong et al			Direct Sec			Positive	TATACCT
39	Tong et al			Direct Sec				CACAGC
40	Tong et al			Direct Sec				CCTATTA
41	Tong et a			Direct Sec				CAAGCC
42	Tong et al			Direct Sec				CAAGCC
43	Tong et a			Direct Sec				CAAGCTA
44				Direct Sec				GTAGATT
45				Direct Sec				CGCACA
46				Direct Sec				CGCACA
47				Direct Sec				CGCACA
48				Direct Sec				CGCACA
49	Quan et a	l, RdRp ge	Product for	Direct Sec	Wuhan Ins	#######	Positive	CGCACA

AR interpretation This is a new paramyxovirus in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. 5 This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a strain of the known virus Bat paramyxovirus isolate BtHp-ParaV/GD2012 (Genbank accession no. KJ6451655) found in a bat, found previously in bats in China. There is no evidence This is a new paramyxovirus in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a paramyxovirus in bats, found previously in bats in China as a part of the PREDICT project. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a paramyxovirus in bats, found previously in bats in China as a part of the PREDICT project. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a paramyxovirus in bats, found previously in bats in China as a part of the PREDICT project. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a strain of the known virus Bat paramyxovirus isolate BtHp-ParaV/GD2012 (Genbank accession no. KJ6451655) found in a bat, found previously in bats in China. There is no evidence This is a paramyxovirus in bats, found previously in bats in China as a part of the PREDICT project. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus in a bat in the Rubulovirus genus. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in bats. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in bats. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in bats. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in bats. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is the known virus Bat Paramyxovirus/B16-40 (Genbank Accession No. MG230624) found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a new paramyxovirus found in a bat. There is no evidence at this time to suggest this virus poses a threat to human health. This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. 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Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of the known virus Beilong virus (GenBank Accession No. DQ100461) found in a rodent. Beilong virus has been reported previously in rodents and is related to a group of rode This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat

	AS	AT	AU	AV	AW	AX	AY
1	Virus	VirusGro	TestStatu	Governm	DateGovtA	pprovedF	Release
2	PREDICT_PMV-49 PREDICT_PMV-90	PREDICT	Interpreta	CN-001-P	9/14/2017		
3	PREDICT_PMV-49 PREDICT_PMV-90	PREDICT	Interpreta	CN-001-P	9/14/2017		
4	PREDICT_PMV-88	PREDICT	Interpreta	CN-001-P	9/14/2017		
5	PREDICT_PMV-89	PREDICT	Interpreta	CN-001-P	9/14/2017		
6	strain of Bat paramyxovirus isolate BtHp-ParaV/GD2012	Bat param	Interpreta	CN-003-P	8/9/2018		
7	PREDICT_PMV-134			CN-003-P	8/9/2018		
8	PREDICT_PMV-136	PREDICT	Interpreta	CN-003-P	8/9/2018		
	PREDICT_PMV-49			CN-003-P	8/9/2018		
	PREDICT_PMV-129			CN-003-P			
	PREDICT_PMV-47		<u> </u>	CN-003-P	8/9/2018		
	PREDICT_PMV-130			CN-003-P	8/9/2018		
	PREDICT_PMV-47			CN-003-P	8/9/2018		
	PREDICT_PMV-135			CN-003-P	8/9/2018		
	strain of Bat paramyxovirus isolate BtHp-ParaV/GD2012			CN-003-P			
	PREDICT_PMV-47			CN-003-P			
	PREDICT_PMV-123			CN-003-P			
	PREDICT_PMV-157 PREDICT_PMV-158			CN-004-P	8/9/2019		
	PREDICT_PMV-157 PREDICT_PMV-158			CN-004-P	8/9/2019		
	PREDICT_PMV-158			CN-004-P	8/9/2019		
	PREDICT_PMV-157			CN-004-P	8/9/2019		
-	PREDICT_PMV-162			CN-004-P			
	Bat Paramyxovirus/B16-40			CN-004-P			
	PREDICT_PMV-166			CN-004-P			
	PREDICT_PMV-164			CN-004-P	8/9/2019		
	PREDICT_PMV-165			CN-004-P	8/9/2019		
	strain of Beilong virus			CN-004-P	8/9/2019		
	strain of Beilong virus			CN-004-P	8/9/2019		
	strain of Beilong virus			CN-004-P	8/9/2019		
	strain of Beilong virus			CN-004-P	8/9/2019		
	strain of Beilong virus			CN-004-P	8/9/2019		
	strain of Beilong virus	Beilong vi			8/9/2019		
	strain of Beilong virus	Beilong vi			8/9/2019		
	strain of Beilong virus			CN-004-P	8/9/2019		
-	strain of Beilong virus			CN-004-P			
	strain of Beilong virus			CN-004-P			
	strain of Beilong virus			CN-004-P			
	strain of Beilong virus			CN-004-P	8/9/2019		
	strain of Beilong virus			CN-006-P			
	strain of Beilong virus			CN-006-P			
	strain of Beilong virus			CN-006-P			
	strain of Beilong virus			CN-006-P			
	strain of Beilong virus strain of Murine coronavirus			CN-006-P			
\vdash				CN-004-P			
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019 8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P			
	strain of Bat Coronavirus 1			CN-004-P			
	strain of Bat Coronavirus 1			CN-004-P			
49	strain of Bat Coronavirus 1	Bat coron	unterpreta	CN-004-P	8/9/2019		

	Α	В	С	D	Е	F	G	Н	ı	J	K	L	М	N	0	Р	Q
50	P2	7538	676546	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
51	P2	7540	676548	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
52	P2	7542	676564	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
53	P2	7544	677482	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
54	P2	7546	677488	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
55	P2	7548	677494	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
56	P2	7550	677498	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
57	P2	7552	677500	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
58	P2	7554	677512	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
59	P2	7556	677518	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
60	P2	7558	677520	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
61	P2	7560	677534	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
62	P2	7562	677546	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
63	P2	7564	677556	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
64	P2	7566	677558	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
65	P2	7568	677590	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
66	P2	7570	677592	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
67	P2	7572	677596	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
68	P2	7574	677598	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
	P2	7576	677602	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
70	P2	7578	677604	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
71	P2	7580	677608	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
72	P2	7582	677614	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
73	P2	7584	677618	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
74	P2	7586	677620	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
75	P2	7588	677634	China		CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
76	P2	7590	677636	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
77	P2	7592	677638	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
78	P2	7594	677664	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
79	P2	7596	677666	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
	P2	7598	677668	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7600	677670	China		CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
82	P2	7602	677676	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
83	P2	7604	677680		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7606	677692		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7608	677696	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7610	677720		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7612	677722		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
88	P2	7614	677730	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
89		7616	677732		EcoHealth			Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646		24.4646		5/10/2018	
90		7618	677736		EcoHealth			Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
91		7620	677776		EcoHealth			Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322			5/10/2018	
92		7622	677786		EcoHealth				Concurrer		Yunnan	24.4646	102.322	24.4646		5/10/2018	
93		7624	677788		EcoHealth				Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
94		7626	677802		EcoHealth			Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
95		7628	677804		EcoHealth				Concurrer		Yunnan	24.4646	102.322		102.322	5/10/2018	Wet
96		7630	677840		EcoHealth	CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
97	P2	7632	677842		EcoHealth				Concurrer		Yunnan	24.4646		24.4646		5/10/2018	
98	P2	7634	677852	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet

	R S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
50	15 CN-Yunna	CNAB107	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB107	oral swab	CNAB107	#######	#######	#######	Wuhan In:	Convention	Coronavir
51	15 CN-Yunna	CNAB107	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB107	oral swab	CNAB107	#######	#######	#######	Wuhan In:	Convention	Coronavir
52	15 CN-Yunna	CNAB108	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB108	oral swab	CNAB108	#######	#######	#######	Wuhan In:	Convention	Coronavir
53	15 CN-Yunna	CNAB091	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB091	rectal swa	CNAB091	#######	#######	#######	Wuhan In:	Convention	Coronavir
54	15 CN-Yunna	CNAB092	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan In:	Convention	Coronavir
55	15 CN-Yunna	CNAB092	2 bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan In:	Convention	Coronavir
56	15 CN-Yunna	CNAB092	2 bats	free-rangii	Miniopteru	Schreiber'		female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan In:	Convention	Coronavir
57	15 CN-Yunna			free-rangii	Miniopteru	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan In:	Convention	Coronavir
58	15 CN-Yunna	CNAB093	bats	free-rangii	Miniopteru	Schreiber'		female	CNAB093	rectal swa	CNAB093	#######	#######	#######	Wuhan In:	Convention	Coronavir
59	15 CN-Yunna	CNAB093	3 bats	free-rangii				female	CNAB093	rectal swa	CNAB093	#######	#######		Wuhan In:		
60	15 CN-Yunna	CNAB093	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB093	rectal swa	CNAB093	#######	#######	#######	Wuhan In:	Convention	Coronavir
61	15 CN-Yunna	CNAB094	1 bats	free-rangii	Rhinoloph	Thomas's		female	CNAB094	rectal swa	CNAB094	#######	#######	#######	Wuhan In:	Convention	Coronavir
62	15 CN-Yunna	CNAB095	bats	free-rangii	Rhinoloph	Thomas's	#######	female			CNAB095	#######	#######	#######	Wuhan In:	Convention	Coronavir
63	15 CN-Yunna	CNAB095	bats	free-rangii				female			CNAB095		#######		Wuhan In:	Convention	Coronavir
64	15 CN-Yunna	CNAB095	bats	free-rangii	Miniopteru	Schreiber'	#######	female			CNAB095	#######	#######	#######	Wuhan In:	Convention	Coronavir
65	15 CN-Yunna			free-rangii	Miniopteru	Schreiber'		female				#######	#######		Wuhan In:	Convention	Coronavir
66	15 CN-Yunna			free-rangii				female	CNAB097	rectal swa		#######	#######	#######			
67	15 CN-Yunna		_	free-rangii				female				#######	#######		Wuhan In:		
68	15 CN-Yunna			free-rangii				female	CNAB097			#######	#######				
69	15 CN-Yunna			free-rangii				female				#######	#######		Wuhan In:		
70	15 CN-Yunna			free-rangii				female			CNAB098		#######	#######		Conventio	
71	15 CN-Yunna			free-rangii				female			CNAB098	#######	#######		Wuhan In:		
72	15 CN-Yunna			free-rangii				female			CNAB098		#######		Wuhan In:		
73	15 CN-Yunna			free-rangii				female			CNAB098		#######		Wuhan In:		
74	15 CN-Yunna			free-rangii				female			CNAB098		#######	#######	Wuhan In		
75	15 CN-Yunna			free-rangii				female			CNAB099		#######		Wuhan In		
76	15 CN-Yunna			free-rangii				female			CNAB099		#######	#######		Convention	
77	15 CN-Yunna			free-rangii				female			CNAB099		#######	#######		Convention	
78	15 CN-Yunna			free-rangii				male		rectal swa		#######	#######		Wuhan In:		
79	15 CN-Yunna			free-rangii				female			CNAB101	#######	#######		Wuhan In		
80	15 CN-Yunna			free-rangii				male	CNAB101			#######	#######	#######			
81	15 CN-Yunna			free-rangii				female	CNAB101			#######	#######		Wuhan In:		
82	15 CN-Yunna			free-rangii				male	CNAB101			#######	#######	#######	Wuhan In		
83	15 CN-Yunna			free-rangii				male	CNAB101			#######	#######	#######		Conventio	
84	15 CN-Yunna			free-rangii	-			male			CNAB102	#######	#######		Wuhan In:	_	
85	15 CN-Yunna			free-rangii				male			CNAB102		#######	#######			
86	15 CN-Yunna			free-rangii				male			CNAB103		#######		Wuhan In		
87	15 CN-Yunna		_	free-rangii				male			CNAB103	#######	#######		Wuhan In		
88	15 CN-Yunna			free-rangii	•			male			CNAB104		#######		Wuhan In		
89	15 CN-Yunna			free-rangii							CNAB104						Coronavir
90	15 CN-Yunna			free-rangii	-						CNAB104		#######				Coronavir
91	15 CN Yunna			free-rangii							CNAB106		#######		Wuhan In		
92	15 CN-Yunna			free-rangii							CNAB107		#######		Wuhan In		
93	15 CN Yunna			free-rangii							CNAB107		#######		Wuhan In		
94	15 CN-Yunna			free-rangii							CNAB107 CNAB108		####### ########		Wuhan In		
95	15 CN Yunna			free-rangii							CNAB108				Wuhan In		Coronavir
96	15 CN Yunna			free-rangii									#######				
97	15 CN Yunna			free-rangii							CNAB109		#######				Coronavir
98	15 CN-Yunna	CINABIT	บุมสเร	free-rangii	iviyous nei	rickell's D	######################################	maie	CINABITO	rectal SWa	CNAB110	######################################	#######	######################################	vvunan in	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
50				Direct Sec				CGCACA
51				Direct Sec				CGCACA
52				Direct Sec				CGCACA
53				Direct Sec				CGCACA
54				Direct Sec				CGCACA
55				Direct Sec			Positive	CGCACA
56				Direct Sec			Positive	TTAATGO
57				Direct Sec				TGCACAT
58				Direct Sec				CGCACA
59				Direct Sec				CGCACA
60				Direct Sec				CGCACA
61				Direct Sec				TACACAC
62				Direct Sec				CACACAC
63	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAC
64				Direct Sec				CGCACA
65	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
66	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
67				Direct Sec				CGCACA
68				Direct Sec				CGCACA
69	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
70				Direct Sec				CGCACA
71	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
72	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
73	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CACACAC
74	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CACACAC
75	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
76	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
77	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TGCACAT
78	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
79	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
80	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
81	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TGCACAT
82	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
83	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
84	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
85	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
86	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CGCACA
87				Direct Sec				CTTATAC
88				Direct Sec				CGCACA
89				Direct Sec				CGCACA
90				Direct Sec				CGCACA
91				Direct Sec				CGCACA
92				Direct Sec			Positive	CGCACA
93				Direct Sec			Positive	CGCACA
94				Direct Sec			Positive	CGCACA
95				Direct Sec			Positive	CGCACA
96				Direct Sec				CGCACA
97				Direct Sec				CGCACA
98	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAT

AR 50 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 51 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. 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There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu

	AS	AT	AU	AV	AW	AX	AY
50	strain of Bat Coronavirus 1	Bat coron	Interpreta	CN-004-P	8/9/2019		
51	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
52	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU8			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
_	strain of Bat coronavirus HKU2		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
_	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
-	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU8			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
_	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU8		Interpreta		8/9/2019		
_	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU8		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
98	שנו מוו טו שמו נטוטוומיוועש ו ווינטט	שמו נטוטוו	mierpreia	CIN-004-P	0/9/2019		

l I	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	Р	Q
99	P2	7636	677918	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
100	P2	7638	677924	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
101	P2	7640	677936	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
102	P2	7642	677950	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
103		7644	677978	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
104		7646	677980	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
105	P2	7648	677986	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
106	P2	7650	677996	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
107	P2	7652	678018	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
108	P2	7654	678034	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
109	P2	7656	678134	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
110	P2	7658	678218	China	EcoHealtl	CN-P2Y4	no	Yunnan-X	Concurrer Yur	nnan `	Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	Wet
111	P2	7660	678342	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
112	P2	7662	678370	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
113	P2	7664	678380	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
114	P2	7666	678416	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
115	P2	7668	678420	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
116	P2	7670	678424	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
117	P2	7672	678426	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
118	P2	7674	678428	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
119	P2	7676	678430	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
120	P2	7678	678446	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
121	P2	7680	678470	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
122	P2	7682	678478	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
123	P2	7684	678502	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
124		7686	678504	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
125	P2	7688	678510	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
126	P2	7690	678512	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
127	P2	7692	678544	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
128	P2	7694	678560	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
129		7696	678586	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
130	P2	7698	678612	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
131	P2	7700	678638	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
132	P2	7702	678640	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
133	P2	7704	678666	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
134	P2	7706	678668		EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
135		7708	678676	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan \	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
136	P2	7710	678678	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
137	P2	7712	678682	China		CN-P2Y4			Concurrer Yur		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
138		7714	678696	China	EcoHealtl	CN-P2Y4	no	Yunnan-C	Concurrer Yur	nnan `	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
139		7912	712149			CN-P2Y3		Guangdo	Independe Gua	angzhd(Guangdor	23.1722	113.449	23.1722	113.449	1/20/2017	
140		7913	712150		EcoHealtl	CN-P2Y3	no		Independe Gua							1/20/2017	_
141	P2	7914	712160		EcoHealtl	CN-P2Y3	no		Independe Gua							1/20/2017	Dry
142	P2	7915	712162		EcoHealtl	CN-P2Y3	no		Independe Gua							1/20/2017	
143		7916	712204			CN-P2Y3			IndependeGua							1/20/2017	
144		7917	712217		EcoHealtl	CN-P2Y3	no		Independe Gua							3/7/2017	
145		7918	712231			CN-P2Y3			Independe Gua							3/7/2017	
146		7919	712243	China	EcoHealtl	CN-P2Y3	no		Independe Gua							3/7/2017	
147		7920	712249			CN-P2Y3			Independe Gua							3/7/2017	

	R S	T	J V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	АН	Al
99	9 CN-Yunna	CNAB113 bats	free-rangii	Rhinoloph	Thomas's	7/3/2018	male	CNAB113	rectal swa	CNAB113	#######	#######	#######	Wuhan In:	Conventio	Coronavir
100	9 CN-Yunna	CNAB114 bats	free-rangii	Rhinoloph	Intermedia	7/3/2018	male	CNAB114	rectal swa	CNAB114	#######	#######	#######	Wuhan In:	Conventio	Coronavir
101	9 CN-Yunna	CNAB114 bats	free-rangii	Rhinoloph	Thomas's	7/3/2018	male	CNAB114	rectal swa	CNAB114	#######	#######	#######	Wuhan In:	Conventio	Coronavir
102	9 CN-Yunna	CNAB115 bats	free-rangii	Aselliscus	Stoliczka's	7/3/2018	male	CNAB115	rectal swa	CNAB115	#######	#######	#######	Wuhan In:	Conventio	Coronavir
103	9 CN-Yunna	CNAB116 bats	free-rangii	Rhinoloph	Intermedia	7/6/2018	female	CNAB116	rectal swa	CNAB116	#######	#######	#######	Wuhan In:	Conventio	Coronavir
104	9 CN-Yunna	CNAB116 bats	free-rangii	Rhinoloph	Intermedia	7/6/2018	female	CNAB116	rectal swa	CNAB116	#######	#######	#######	Wuhan In:	Conventio	Coronavir
105	9 CN-Yunna	CNAB117 bats	free-rangii	Rhinoloph	Intermedia	7/6/2018	male	CNAB117	rectal swa	CNAB117	#######	#######	#######	Wuhan In:	Conventio	Coronavir
106	9 CN-Yunna	CNAB117 bats	free-rangii	Rhinoloph	Intermedia	7/6/2018	male	CNAB117	rectal swa	CNAB117	#######	#######	#######	Wuhan In:	Conventio	Coronavir
107	9 CN-Yunna	CNAB118 bats	free-rangii					CNAB118	rectal swa	CNAB118	#######	#######	#######	Wuhan In:	Conventio	Coronavir
108	9 CN-Yunna	CNAB119 bats	free-rangii	-			female	CNAB119	rectal swa	CNAB119	#######	#######	#######	Wuhan In:	Conventio	Coronavir
109	9 CN-Yunna	CNAB124 bats	free-rangii	Aselliscus	Stoliczka's	#######	male	CNAB124	rectal swa	CNAB124	#######	#######	#######	Wuhan In:	Conventio	Coronavir
110	9 CN-Yunna	CNAB128 bats	free-rangii				male	CNAB128	rectal swa	CNAB128	#######	#######	#######	Wuhan In:	Conventio	Coronavir
111	7 CN-Yunna	CNAB134 bats	free-rangii				female			CNAB134		#######	#######	Wuhan In:	Conventio	Coronavir
112		CNAB136 bats	free-rangii	-			male			CNAB136		#######		Wuhan In:		
113		CNAB136 bats	free-rangii	-			female			CNAB136		#######	#######		Conventio	
114		CNAB138 bats	free-rangii	_			female			CNAB138		#######	#######			
115		CNAB138 bats	free-rangii	,			male	-		CNAB138		#######	#######		-	_
116		CNAB139 bats	free-rangii				male	CNAB139	rectal swa	CNAB139	#######	#######		Wuhan In:	Conventio	Coronavir
117		CNAB139 bats	free-rangii				male			CNAB139		#######				
118	7 CN-Yunna	CNAB139 bats	free-rangii				female	CNAB139	rectal swa	CNAB139	#######	#######		Wuhan In:	Conventio	Coronavir
119		CNAB139 bats	free-rangii	,			female				#######	#######	#######		Conventio	
120		CNAB140 bats	free-rangii	-			male		rectal swa		#######	#######	#######	Wuhan In:		
121		CNAB141 bats	free-rangii	-			female		rectal swa		#######	#######		Wuhan In:		
122		CNAB141 bats	free-rangii				male		rectal swa		#######	#######	#######	Wuhan In:	Conventio	Coronavir
123		CNAB142 bats	free-rangii				female			CNAB142	#######	#######	#######	Wuhan In:	Conventio	Coronavir
124	7 CN-Yunna	CNAB143 bats	free-rangii				female	-	rectal swa		#######	#######	#######	Wuhan In:	Conventio	Coronavir
125	7 CN-Yunna	CNAB143 bats	free-rangii	-			male	CNAB143	rectal swa	CNAB143	#######	#######	#######	Wuhan In:	Conventio	Coronavir
126	7 CN-Yunna	CNAB143 bats	free-rangii	-			female	-	rectal swa		#######	#######	#######		Conventio	
127	7 CN-Yunna	CNAB145 bats	free-rangii	Myotis lan	Chinese V	#######	female	CNAB145	rectal swa	CNAB145	#######	#######	#######	Wuhan In:	Conventio	Coronavir
128	7 CN-Yunna	CNAB145 bats	free-rangii				female	CNAB145	rectal swa	CNAB145	#######	#######	#######	Wuhan In:	Conventio	Coronavir
129	7 CN-Yunna	CNAB147 bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB147	rectal swa	CNAB147	#######	#######	#######	Wuhan In:	Conventio	Coronavir
130	7 CN-Yunna	CNAB148 bats	free-rangii	Myotis lan	Chinese V	#######	male	CNAB148	rectal swa	CNAB148	#######	#######	#######	Wuhan In:	Conventio	Coronavir
131	7 CN-Yunna	CNAB149 bats	free-rangii	Myotis lan	Chinese V	#######	male	CNAB149	rectal swa	CNAB149	#######	#######	#######	Wuhan In:	Conventio	Coronavir
132	7 CN-Yunna	CNAB149 bats	free-rangii	Myotis lan	Chinese V	#######	female	CNAB149	rectal swa	CNAB149	#######	#######	#######	Wuhan In:	Conventio	Coronavir
133	7 CN-Yunna	CNAB151 bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In:	Conventio	Coronavir
134	7 CN-Yunna	CNAB151 bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In:	Conventio	Coronavir
135	7 CN-Yunna	CNAB151 bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In:	Conventio	Coronavir
136	7 CN-Yunna	CNAB151 bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In:	Conventio	Coronavir
137	7 CN-Yunna	CNAB151 bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In:	Conventio	Coronavir
138	7 CN-Yunna	CNAB152 bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB152	rectal swa	CNAB152	#######	#######	#######	Wuhan In:	Conventio	Coronavir
139	1 CN-Guan	CHAR002 rode	nts/sl free-rangii	Rattus noi	Norway ra	#######	male	CHAR002	oral swab	CHAR002	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
140			nts/shfree-rangii							CHAR002				Institute o		
141			nts/st free-rangii					CHAR003	oral swab	CHAR003	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
142	1 CN-Guan	CHAR003 rode	nts/shfree-rangii	Rattus noi	Norway ra	#######	female	CHAR003	oral swab	CHAR003	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
143	1 CN-Guan	CHAR002 rode	nts/st free-rangii	Rattus noi	Norway ra	#######	male	CHAR002	rectal swa	CHAR002	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
144	7 CN-Guan	CHAR004 rode	nts/st free-rangii	Rattus noi	Norway ra	3/7/2017	female	CHAR004	rectal swa	CHAR004	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
145			nts/shfree-rangii							CHAR005				Institute o	Conventio	Coronavir
146	7 CN-Guan	CHAR006 rode	nts/st free-rangii	Rattus noi	Norway ra	3/7/2017	male	CHAR006	oral swab	CHAR006	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
147	7 CN-Guan	CHAR007 rode	nts/shfree-rangii	Rattus noi	Norway ra	3/7/2017	female	CHAR007	oral swab	CHAR007	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
99				Direct Sec				CGCACA
100				Direct Sec				TACACAC
101				Direct Sec				TAAACAC
102								CGCACA
103								CGCACA
104	Quan et al							TACACAC
	Quan et al							TACACAC
106								TACACAC
107				Direct Sec				TACACAC
108	Quan et al							TACACAC
109	Quan et al							CGCACA
110	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	CGCACA
111	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
112	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
113	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
114	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
115	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
116	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
117	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
118	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
119	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAT
120	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAT
121	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAT
122	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAT
123				Direct Sec				TACACAT
124								TACACAT
125								TACACAT
126	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAT
127								TACACAT
128	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TAAACAT
129				Direct Sec				TACGCAT
130				Direct Sec				TACACAT
131				Direct Sec				TACACAT
132	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In		Positive	TACACAT
133				Direct Sec				TACACAT
134				Direct Sec				CACACAT
135	Quan et al							TACACAT
136	Quan et al							TACACAT
137								CACACAT
	Quan et al							TACGCAT
	Quan et al							TAAGCAC
	Quan et al							TCAGAG
141								TAAGCAC
142								TCAGAG
143								TAAACAT
144								CTCTTAC
145								TCAGAG
	Quan et al							TCAGAG
147	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TCAGAG

AR 99 This is the known alphacoronavirus Bat Coronavirus RS4125/4259 (Genbank Accession No. MG916902, MG16903) found in a bat, found previously in China. There is no evidence to suggest 100 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 101 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 103 This is a strain of Rhinolophus/Hipposideros Alphacoronavirus (Genbank accession No. KP876527/KP895522) found in a bat. There is no evidence at this time to suggest this virus poses a t 104 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 106 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 108 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 109 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 110 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre 111 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 112 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 114 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 116 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 117 This a strain of Myotis Coronavirus (eg. GenBank Accession No. KF549990, KF569977, KF569984) found in bats. There is no evidence at this time to suggest that this virus pose any risk to 118 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 119 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 120 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 121 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 124 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 125 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 126 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 127 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 128 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 129 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 130 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 131 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 133 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 134 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 136 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 137 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his 138 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 139 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 140 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 142 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 143 This is a strain of Lonquan Aa mouse coronavirus (eg. Genbank Accession No. KF294357) found in rodents belonging to the betacoronavirus genus. The genus Betacoronavirus includes vir This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 145 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 146 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 147 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in

	AS	AT	AU	AV	AW	AX	AY
99	Bat Coronavirus RS4125/4259	Bat Coron	Interpretat	CN-004-P	8/9/2019		
100	strain of Bat coronavirus HKU2	Bat corona	Interpretat	CN-004-P	8/9/2019		
101	strain of SARS-related betacoronavirus	SARS-rela	Interpretat	CN-004-P	8/9/2019		
	strain of Hipposideros Bat Alphacoronavirus MJ/67C		Interpretat		8/9/2019		
	strain of Rhinolophus/Hipposideros Alphacoronavirus		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
_	strain of Hipposideros_Bat_Alphacoronavirus_ MJ/67C		Interpretat		8/9/2019		
	strain of Hipposideros_Bat_Alphacoronavirus_MJ/67C		Interpretat		8/9/2019		
	strain of Bat Coronavirus HKU10		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	strain of Myotis alphacoronavirus		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT CoV-60		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	PREDICT_CoV-60		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
			Interpretat		8/9/2019		
	strain of Lonquan Aa mouse coronavirus strain of Rodent Coronavirus		Interpretat				
	strain of Rodent Coronavirus strain of Murine coronavirus				8/9/2019 8/9/2019		
			Interpretat				
	strain of Murine coronavirus		Interpretat		8/9/2019		
147	strain of Murine coronavirus	liviurine co	ınterpretat	UN-004-P	8/9/2019		

	Α	В	С	D	Е	F	G	Н		J	K	L	М	N	0	Р	Q
148	P2	7921	712253	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
149		7922	712255	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
150		7923	712261	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
151	P2	7924	712276	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	
152	P2	7925	712284	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
153	P2	7926	712297	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
154	P2	7927	712299	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
155	P2	7928	712302	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
156	P2	7929	712303	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
157		7931	712309	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
158	P2	8045	734951	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.0901	113.254	23.0901	113.254	6/28/2017	Wet
159	P2	8046	734963	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.0901	113.254	23.0901	113.254	6/28/2017	Wet
160	P2	8169	754448	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
161	P2	8170	754450	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
162	P2	8171	754454	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
163	P2	8172	754456	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
164		8173	754464	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
165	P2	8174	754467	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
166	P2	8175	754472	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
167		8176	754473	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
168	P2	8177	754475	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
169	P2	8178	754477	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
170		8179	754482	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
171	P2	8180	754484	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
172	P2	8181	754486	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
173	P2	8182	754487	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
174	P2	8183	754488	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
175	P2	8184	754488	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
176		8185	754489	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
177	P2	8186	754490	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
178	P2	8187	754491	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
179	P2	8188	754498	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
180		8189	754499	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
181		8190	754504	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
182		8191	754507	China	EcoHealt	CN-P2 Ba	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
183		8192	754515		EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
184		8193	754517	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
185		8194	754519	China	EcoHealt	CN-P2 Ba	no		Independe		Yunnan	21.7813	101.519		101.519	8/23/2017	Wet
186		8195	754526	China		rCN-P2 Ba			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
187		8196	754527		EcoHealt	CN-P2 Ba	no		Independe		Yunnan			21.7813		8/23/2017	Wet
188		8197	754535	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
189		8198	754538	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
190		8199	754542	China	EcoHealt	CN-P2 Ba	no		Independe		Yunnan			21.7813		8/23/2017	Wet
191		8200	754543		EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
192		8201	754544	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
193		8202	754545	China	EcoHealt	CN-P2 Ba	no		Independe		Yunnan	21.7813		21.7813		8/23/2017	Wet
194	P2	8203	754550	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
195		8204	754560			CN-P2 Ba			Independe		Yunnan			21.7813		8/23/2017	
196	P2	8205	754561	China	EcoHealt	CN-P2 Ba	no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet

	R S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
148	7 CN-Guar	CHAR00	7 rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	male	CHAR007	oral swab	CHAR007	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
149	7 CN-Guar	n(CHAR008	8rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	male	CHAR008	oral swab	CHAR008	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
150	7 CN-Guar	CHAR008	8 rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	male	CHAR008	oral swab	CHAR008	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
151	7 CN-Guar	n(CHAR00	5rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	male	CHAR005	rectal swa	CHAR005	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
152	7 CN-Guar	n(CHAR00	5rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	female	CHAR005	rectal swa	CHAR005	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
153	7 CN-Guar								CHAR007	rectal swa	CHAR007	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
154	7 CN-Guar	n(CHAR007	7 rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	female	CHAR007	rectal swa	CHAR007	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
155	7 CN-Guar	CHAR007	7 rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	male	CHAR007	rectal swa	CHAR007	5/1/2018	#######	3/1/2019	Institute o	Conventio	Coronavir
156	7 CN-Guar	CHAR007	7 rodents/sl	free-rangi	Rattus no	Norway ra	3/7/2017	male	CHAR007	rectal swa	CHAR007	5/1/2018				Conventio	
157	7 CN-Guar							female	CHAR008	rectal swa	CHAR008	5/1/2018	#######			Conventio	
158	1 CN-Guar	n(CHAR030	0rodents/sl	free-rangi	Rattus no	Norway ra	#######	female	CHAR030	oral swab	CHAR030	6/1/2018	#######	#######	Institute o	Conventio	Coronavir
159	1 CN-Guar	CHAR029	9rodents/sl	free-rangi	Rattus no	Norway ra	#######	female			CHAR029			#######	Institute o	Conventio	Coronavir
160	1 CN-Yunn	CNAB085	5 bats	free-rangi	Rousettus	Leschena	#######	female	CNAB085	rectal swa	CNAB085	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
161	1 CN-Yunn	CNAB085	5 bats	free-rangi	Eonycteri	Cave nect	#######	female			CNAB085		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
162	1 CN-Yunn	CNAB086	6 bats	free-rangi	Rousettus	Leschena	#######	female			CNAB086		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
163	1 CN-Yunn	CNAB086	6 bats	free-rangi	Rousettus	Leschena	#######	female	CNAB086	rectal swa	CNAB086	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
164	1 CN-Guar	n(CNAB087				Chinese h					CNAB087		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
165	1 CN-Guar	n(CNAB087	7 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB087					Conventio	
166	1 CN-Guar	1			<u> </u>	Chinese h					CNAB087					Conventio	
167	1 CN-Guar	CNAB088				Chinese h					CNAB088		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
168	1 CN-Guar			free-rangi	Rhinoloph	Intermedia	9/9/2017	male	CNAB088	rectal swa	CNAB088	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
169	1 CN-Guar			free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB088		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
170	1 CN-Guar	n(CNAB088	8 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB088		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
171	1 CN-Guar	n(CNAB089	9 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	male			CNAB089		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
172	1 CN-Guar	(CNAB089	9 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	male	CNAB089	rectal swa	CNAB089	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
173	1 CN-Guar	n(CNAB089	9 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB089		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
174	1 CN-Guar	n(CNAB089	9 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB089		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
175	1 CN-Guar	n(CNAB089	9 bats	free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB089		3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
176	1 CN-Guar	(CNAB089				Intermedia			CNAB089	rectal swa	CNAB089	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
177	1 CN-Guar			free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB089					Conventio	
178	1 CN-Guar			free-rangi	Rhinoloph	Chinese h	9/9/2017	female			CNAB089					Conventio	
179	1 CN-Guar	n(CNAB090	bats	free-rangi	Rhinoloph	Intermedia	9/9/2017	female	CNAB090	rectal swa	CNAB090	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
180	1 CN-Guar	4		free-rangi	Rhinoloph	Intermedia	9/9/2017	female	CNAB090	rectal swa	CNAB090					Conventio	
181	1 CN-Guar				<u> </u>	Chinese h						#######				Conventio	
182	1 CN-Guar				<u> </u>	Chinese h		male				#######				Conventio	
183	1 CN-Yunn					Cave nect		male			CNAB080					Conventio	
184	1 CN-Yunn					Leschena		male			CNAB080					Conventio	
185	1 CN-Yunn					Cave nect		female			CNAB080					Conventio	
186	1 CN-Yunn				-	Cave nect					CNAB081					Conventio	
187	1 CN-Yunn					Cave nect					CNAB081					Conventio	
188	1 CN-Yunn					Cave nect					CNAB082						
189	1 CN-Yunn					Cave nect					CNAB082						
190	1 CN-Yunn					Cave nect					CNAB083					Conventio	
191	1 CN-Yunn					Cave nect					CNAB083					Conventio	
192	1 CN-Yunn					Cave nect					CNAB083					Conventio	
193	1 CN-Yunn					Cave nect					CNAB083					Conventio	
194	1 CN-Yunn					Cave nect					CNAB083					Conventio	
195	1 CN-Yunn					Leschena					CNAB084						
196	1 CN-Yunn	i≰CNAB085	5 bats	free-rangi	Rousettus	Leschena	#######	female	CNAB085	rectal swa	CNAB085	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
148				Direct Sec				CTCTTAC
149				Direct Sec				TCAGAGO
150	-			Direct Sec				CTCTTAC
151				Direct Sec				CTCTTAC
152				Direct Sec			Positive	CTCTTAC
153				Direct Sec			Positive	TCAGAG
154				Direct Sec				TCAGAG
155				Direct Sec				TACACAT
156				Direct Sec			Positive	CTCTTAC
157				Direct Sec				CTCTTAC
158				Direct Sec				TCAGATO
159				Direct Sec				TACACAT
160		<u> </u>		Cloning ar				TAAACAC
161				Direct Sec				TAAACAC
162				Direct Sec				TAAACAT
163				Cloning ar				TAAACAT
164								TAAACAT
165				Direct Sec				ATGTACA
166		<u> </u>		Direct Sec				TAAACAT
167				Direct Sec				TAAACAT
168				Direct Sec				CACACAC
169				Direct Sec				TAAACAT
170				Cloning ar				TAAACAT
171				Direct Sec				TAAACAT
172				Cloning ar				TAAACAT
173				Direct Sec				TAAACAT
174				Cloning ar				TACACAC
175				Cloning ar				TAAACAT
176				Direct Sec				CACACAC
177				Direct Sec				TAAACAT
178				Direct Sec				TGATGC
179				Cloning ar				CACGCA
180				Direct Sec			Positive	CACACAC
181				Direct Sec			Positive	TAAACAT
182				Direct Sec			Positive	TAAACAT
183				Direct Sec			Positive	TAAACAC
184				Cloning ar			Positive	TAAACAT
185				Direct Sec				TAAACAC
	Quan et al							TAAACAC
	Quan et al							TAAACAC
	Quan et al							TAAACAC
	Quan et al							TAAACAC
190								TAAACAC
191				Cloning ar				CAAACAT
192				Direct Sec				TAAACAC
	Quan et al							TAAACAC
194				Direct Sec				TAAACAC
_	Quan et al						Positive	CAAACAT
	Quan et al							TAAACAT
.55	.,	,						

148 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 149 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 150 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 151 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 152 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 154 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 155 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 156 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 158 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 159 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 160 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 163 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 166 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 170 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 173 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 174 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 175 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 176 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 177 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 178 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 179 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 180 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 183 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 184 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 186 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse

196 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC_009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to pu Sheet1

This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is a strain of the known betacoronavirus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirused This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to put this is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to put this is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to put this is the known betacoronavirus and the previously i

	AS	AT	AU	AV	AW	AX	AY
148	strain of Rodent Coronavirus		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
150	strain of Rodent Coronavirus	Rodent Co	Interpretat	CN-004-P	8/9/2019		
	strain of Rodent Coronavirus		Interpretat		8/9/2019		
	strain of Rodent Coronavirus		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
	strain of Murine coronavirus		Interpretat		8/9/2019		
	strain of Rodent Coronavirus	Rodent Co	Interpretat	CN-004-P	8/9/2019		
156	strain of Rodent Coronavirus	Rodent Co	Interpretat	CN-004-P	8/9/2019		
157	strain of Rodent Coronavirus	Rodent Co	Interpretat	CN-004-P	8/9/2019		
158	strain of Murine coronavirus	Murine co	Interpretat	CN-004-P	8/9/2019		
159	strain of Rodent Coronavirus	Rodent Co	Interpretat	CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
161	Rousettus Bat Coronavirus GCCDC1/346/356	Rousettus	Interpretat	CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
167	strain of SARS-related betacoronavirus	SARS-rela	Interpretat	CN-004-P	8/9/2019		
168	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
169	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
171	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
172	strain of SARS-related betacoronavirus	SARS-rela	Interpretat	CN-004-P	8/9/2019		
	strain of SARS-related betacoronavirus	SARS-rela	Interpretat	CN-004-P	8/9/2019		
174	strain of Bat coronavirus HKU2 strain of SARS-related betacoronavirus	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2 strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
178	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
191	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		

	Α	В	С	D	E	F	G	Н	ı	J	К	L	М	N	0	Р	Q
197	P2	8206	754562	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
198	P2	8207	754564	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
199	P2	8208	754568	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
200	P2	8209	754570	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
	P2	8210	754573	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
	P2	8211	754574	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
203	P2	8212	754576	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
	P2	8213	754576	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
205	P2	8214	754578	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
206	P2	8215	754579	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
207	P2	8216	754587	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
208	P2	8217	754595	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	Wet
209	P2	8218	754599	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
210	P2	8219	754600	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
211	P2	8220	754603	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
	P2	8221	754605	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
213	P2	8222	754606	China	EcoHealth	CN-P2 Ba	no	Yunnan->	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	Wet
214	P2	8223	754620		EcoHealth	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	8/20/2017	
215	P2	8224	754634	China	EcoHealth	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	8/20/2017	Wet
	P2	8225	754642	China	EcoHealth	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	8/20/2017	Wet
	P2	8227	754644	China	EcoHealth			Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
218	P2	8228	754645	China	EcoHealth	CN-P2 Ba	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
	P2	8229	754647	China	EcoHealth	CN-P2 Ba	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
	P2	8230	754648		EcoHealth	CN-P2 Ba	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	
	P2	8231	754653	China	EcoHealth	CN-P2 Ba	no		Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
	P2	8232	754656	China	EcoHealth	CN-P2 Ba	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
	P2	8233	754663	China	EcoHealth	CN-P2 Ba	no	Guangxi-	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	8234	754664	China	EcoHealth	CN-P2 Ba	no	Guangxi-	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	8235	754666		EcoHealth	CN-P2 Ba	no	Guangxi-	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	8236	754669		EcoHealth	CN-P2 Ba	no	Guangxi-	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	
	P2	8237	754672		EcoHealth		+		Independe				110.358	25.2806	110.358	8/4/2017	
	P2	8238	754674		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
	P2	8239	754682		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
	P2	8240	754683		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
	P2	8241	754688		EcoHealth			-	Independe		_		110.358	25.2806	110.358	8/4/2017	
	P2	8242	754689		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
	P2	8243	754690		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
	P2	8244	754695		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
235		8245	754700		EcoHealth				Independe				110.358	25.2806	110.358	8/4/2017	
236	P2	8246	754762		EcoHealth				Independe					25.2806		8/4/2017	
237		8247	754763		EcoHealth				Independe					25.2806	110.358	8/4/2017	
238	P2	8248	754764		EcoHealth				Independe							8/4/2017	
239	P2	8249	754765		EcoHealth				Independe							8/4/2017	
240		8250	754766		EcoHealth				Independe							8/4/2017	
241		8251	754768		EcoHealth				Independe							8/4/2017	
242		8252	754770		EcoHealth				Independe							8/4/2017	
243		8253	754771		EcoHealth				Independe							8/4/2017	
244	P2	8254	754773		EcoHealth				Independe							8/4/2017	
245	P2	8255	754774	China	EcoHealth	CN-P2 Ba	no	Guangxi-	Independe		Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet

	R S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
197	1 CN-Yur	inaCNAB07	5 bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB075	rectal swa	CNAB075	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
198	1 CN-Yur	inaCNAB07	5 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB075	rectal swa	CNAB075	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
199		inaCNAB07		free-rangii	Rhinoloph	Intermedia	#######	male	CNAB075	rectal swa	CNAB075	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
200	1 CN-Yur	inaCNAB07	5 bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB075	rectal swa	CNAB075	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
201	1 CN-Yur	inaCNAB07	6 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB076	rectal swa	CNAB076	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
202	1 CN-Yur	inaCNAB07	6 bats	free-rangii				male	CNAB076	rectal swa	CNAB076	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
203	1 CN-Yur	inaCNAB07	6 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB076	rectal swa	CNAB076	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
204	1 CN-Yur	inaCNAB07	6 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB076	rectal swa	CNAB076	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
205	1 CN-Yur	inaCNAB07	6 bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB076	rectal swa	CNAB076	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
206	1 CN-Yur	inaCNAB07	6 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB076	rectal swa	CNAB076	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
207	1 CN-Yur	inaCNAB07	7 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB077	rectal swa	CNAB077	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
208	1 CN-Yur	inaCNAB07	8 bats	free-rangii	Aselliscus	Stoliczka's	#######	male	CNAB078	rectal swa	CNAB078	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
209	1 CN-Yur	inaCNAB07	8 bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB078	rectal swa	CNAB078	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
210	1 CN-Yur	inaCNAB07	8 bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB078	rectal swa	CNAB078	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
211	1 CN-Yur	inaCNAB07	9 bats	free-rangii	Rousettus	Leschena	#######	female	CNAB079	rectal swa	CNAB079	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
212	1 CN-Yur	inaCNAB07	9 bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB079	rectal swa	CNAB079	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
213	1 CN-Yur	inaCNAB07	9 bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB079	rectal swa	CNAB079	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
214	1 CN-Yur	inaCNAB07	0 bats	free-rangii	Rousettus	Leschena	#######	female	CNAB070	rectal swa	CNAB070	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
215	1 CN-Yur	inaCNAB07	2 bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB072	rectal swa	CNAB072	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
216	1 CN-Yur	inaCNAB07	3 bats	free-rangii	Rhinoloph	Chinese h	#######	male	CNAB073	rectal swa	CNAB073	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
217	1 CN-Yur	inaCNAB07	3 bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB073	rectal swa	CNAB073	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
218	1 CN-Yur	inaCNAB07	3 bats	free-rangii	Myotis daı	Daubento	#######	male	CNAB073	rectal swa	CNAB073	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
219	1 CN-Yur	inaCNAB07	3 bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB073	rectal swa	CNAB073	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
220	1 CN-Yur	inaCNAB07	3 bats	free-rangii	Rhinoloph	Chinese h	#######	male	CNAB073	rectal swa	CNAB073	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
221	1 CN-Yur	inaCNAB07	4 bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB074	rectal swa	CNAB074	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
222		inaCNAB07		free-rangii	Rhinoloph	Chinese h	#######	female	CNAB074	rectal swa	CNAB074	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
223	1 CN-Gua	an(CNAB06	0 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB060	rectal swa	CNAB060	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
224	1 CN-Gua	an(CNAB06	0 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB060	rectal swa	CNAB060	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
225	1 CN-Gua	an(CNAB06	0 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB060	rectal swa	CNAB060	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
226	1 CN-Gua	an(CNAB06	0 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB060	rectal swa	CNAB060	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
227	1 CN-Gua	an(CNAB06	1 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB061	rectal swa	CNAB061	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
228	1 CN-Gua	an(CNAB06	1 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB061	rectal swa	CNAB061	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
229	1 CN-Gua	an(CNAB06	2 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB062		3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
230	1 CN-Gua	an(CNAB06	2 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB062	rectal swa	CNAB062	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
231	1 CN-Gua	an CNAB06	2 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB062	rectal swa	CNAB062	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
232	1 CN-Gua	an(CNAB06	2 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB062	rectal swa	CNAB062	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
233	1 CN-Gua	an CNAB06	2 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB062	rectal swa	CNAB062	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
234	1 CN-Gua	an(CNAB06	3 bats	free-rangii	Hipposide	Horsfield's	8/4/2017	female	CNAB063	rectal swa	CNAB063	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
235	1 CN-Gua	an(CNAB06	3 bats	free-rangii	Rhinoloph	Chinese h	8/4/2017	female	CNAB063	rectal swa	CNAB063	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
236	1 CN-Gua	an CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
237	1 CN-Gua	an CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
238	1 CN-Gua	an(CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
239	1 CN-Gua	an CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
240	1 CN-Gua	an CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
241	1 CN-Gua	an CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
242	1 CN-Gua	an CNAB05	8 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
243	1 CN-Gua	an CNAB05	9 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB059			4/1/2019	Wuhan Ins	Conventio	Coronavir
244	1 CN-Gua	an CNAB05	9 bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB059	rectal swa	CNAB059	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
245	1 CN-Gua	andCNAB05	9 bats	free-rangii	Myotis sili	Himalayar	8/4/2017	female	CNAB059	rectal swa	CNAB059	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
197				Direct Sec				AATGCG1
198				Direct Sec				TACACAC
199	-			Direct Sec				TACACAC
200				Direct Sec				TACACAC
201				Direct Sec			Positive	TACACAC
202				Direct Sec			Positive	TACACAC
	Quan et al							TACACAC
204				Cloning ar				CGCACA
205				Direct Sec			Positive	TACACAC
206				Direct Sec			Positive	TACACAC
207				Direct Sec				TACACAC
208				Direct Sec				CGCACA
209				Direct Sec				TAAACAC
210				Direct Sec				TAAACAC
211				Direct Sec				TAAACAT
212				Cloning ar				TAAACAC
	Quan et al							TAAACAC
214				Direct Sec			Positive	TAAACAT
215		<u> </u>		Direct Sec				TACACAT
216				Cloning ar				TAAACAT
217				Direct Sec				TACACAC
218				Direct Sec				TACACAT
219				Cloning ar			Positive	TACACAT
220				Direct Sec			Positive	TAAACAC
221				Direct Sec				TACACAC
222				Direct Sec				TCGCACA
223				Direct Sec			Positive	CACACAC
224				Direct Sec			Positive	CACACAC
225				Direct Sec				TTGATGO
226							Positive	CGCACA
227				Direct Sec				CACACAC
228				Direct Sec				CACACAC
229				Direct Sec			Positive	CACACAC
230				Direct Sec			Positive	CACACAC
231				Direct Sec			Positive	CACACAC
232				Direct Sec			Positive	CACACAC
233				Direct Sec			Positive	CACACAC
234				Direct Sec			Positive	TACACAT
235								TACACAC
	Quan et al							CACACAC
	Quan et al							CACACAC
	Quan et al							CACACAC
	Quan et al							CACACAC
240								CACACAC
241				Direct Sec				CACACAC
242								CACACAC
	Quan et al							CACACAC
	Quan et al							CACACAC
	Quan et al							TACACAT
		, 3°						

AR 197 This is a strain of Rhinolophus/Hipposideros Alphacoronavirus (Genbank accession No. KP876527/KP895522) found in a bat. There is no evidence at this time to suggest this virus poses a t 198 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threat 199 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 200 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 201 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 204 This is a strain of Rhinolophus/Hipposideros Alphacoronavirus (Genbank accession No. KP876527/KP895522) found in a bat. There is no evidence at this time to suggest this virus poses at 205 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 208 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 209 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 210 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 212 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 214 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to prove the contract of the contract o 215 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 216 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 218 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 219 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 220 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 222 This is the known alphacoronavirus Bat Coronavirus RS3376 (Genbank Accession No. MG916901) found in a bat, found previously in China. There is no evidence to suggest this virus poses 223 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 224 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. 226 This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threat 228 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 229 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 232 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 234 This is a coronavirus found in bats belonging to the alphacoronavirus genus, found previously in Laos as a part of the PREDICT project. There is no evidence at this time to suggest that this 235 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 236 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 238 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 239 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 240 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 241 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 242 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 243 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 244 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threat 245 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu

	AS	AT	AU	AV	AW	AX	AY
197	strain of Rhinolophus/Hipposideros Alphacoronavirus		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2 strain of Rhinolophus/Hipposideros Alphacoro				8/9/2019		
	strain of Bat coronavirus HKU2 strain of Rhinolophus/Hipposideros Alphacoro				8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Hipposideros_Bat_Alphacoronavirus_ MJ/67C		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2019		
	strain of SARS-related betacoronavirus strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2						
			Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	Bat Coronavirus RS3376		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	PREDICT_CoV-108		Interpretat		8/9/2019		
	PREDICT_CoV-108		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	PREDICT_CoV-53		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
245	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		

	Α	В	С	D	Е	F	G	Н	ı	J	К	L	M	N	0	Р	Q
246	P2	8256	754775	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
247		8257	754776	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
248	P2	8258	754778	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
249	P2	8259	754779	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
250		8260	754805	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
251		8261	754807	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
252	P2	8262	754815	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
253		8263	754827	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	8264	754831	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
255		8265	754841	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
256		8266	754841	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
257		8267	754853		EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	
258		8268	754855		EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	
259		8269	754858	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
260		8270	754859	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
261		8271	754861		EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
262		8272	754932	China	EcoHealth	CN-P2 Ba	no		Concurre		Yunnan	22.4319	100.669	22.4319	100.669	6/17/2017	Wet
263		8273	754966	China	EcoHealth	CN-P2 Ba	no		Independ		Yunnan	21.7813	101.519		101.519	7/23/2017	
264		8274	754967	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
265		8275	754970	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
266		8276	754971	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
267		8277	754974	China		CN-P2 Ba		Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519		101.519	7/23/2017	Wet
268		8278	754976	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519		101.519	7/23/2017	Wet
269		8279	754991		EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519		101.519	7/23/2017	Wet
270		8280	754993	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519		101.519	7/23/2017	Wet
271		8281	755001	China	EcoHealth	CN-P2 Ba	no		Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
272		8282	755003	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
273		8283	755008	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
274		8284	755013	China	EcoHealth	CN-P2 Ba	no		Concurre		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
275		8285	755019	China	EcoHealth	CN-P2 Ba	no	Yunnan-C	Concurre	r Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
276	P2	8286	755029		_	CN-P2 Ba		Yunnan-C	Concurre	r Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
277		8287	755030		_	CN-P2 Ba		Yunnan-C	Concurre	r Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
278		8288	755031		EcoHealth	CN-P2 Ba	no	Yunnan-C	Concurre	r Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
279		8289	755031			CN-P2 Ba			Concurre		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
280		8290	755032			CN-P2 Ba		Yunnan-C	Concurre	r Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
281		8291	755033			CN-P2 Ba	_		Concurre	_	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
282		8292	755034			CN-P2 Ba			Concurre		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
283	P2	8293	755035		_	CN-P2 Ba			Concurre		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	
284		8294	755037	-		CN-P2 Ba			Concurre		Yunnan	24.9519	102.169		102.169	6/12/2017	
285		8295	755038		_	CN-P2 Ba	-		Concurre		Yunnan			24.9519		6/12/2017	
286		8296	755039			CN-P2 Ba			Concurre		Yunnan	24.9519		24.9519		6/12/2017	
287		8297	755040		_	CN-P2 Ba			Concurre		Yunnan	24.9519		24.9519		6/12/2017	
288		8298	755040			CN-P2 Ba			Concurre		Yunnan	24.9519		24.9519		6/12/2017	
289		8299	755041			CN-P2 Ba			Concurre		Yunnan	24.9519		24.9519		6/12/2017	
290		8300	755047		_	CN-P2 Ba			Concurre		Yunnan	24.9519				6/12/2017	
291		8301	755048	-		CN-P2 Ba			Concurre	-	Yunnan	24.9519		24.9519		6/12/2017	
292		8303	755050			CN-P2 Ba			Concurre		Yunnan	24.9519		24.9519		6/12/2017	
293	P2	8304	755051			CN-P2 Ba			Concurre		Yunnan	24.9519		24.9519		6/12/2017	
294	P2	8305	755053	China	EcoHealth	CN-P2 Ba	no	Yunnan-C	Concurre		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet

	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
246	1	CN-Guang	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB059	rectal swa	CNAB059	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
247	1	CN-Guang	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB059	rectal swa	CNAB059	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
248	1	CN-Guano	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male	CNAB059	rectal swa	CNAB059	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
249	1	CN-Guano	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB059	rectal swa	CNAB059	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
250	1	CN-Guang	CNAB052	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male	CNAB052	rectal swa	CNAB052	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
251	1	CN-Guan	CNAB052	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male	CNAB052	rectal swa	CNAB052	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
252	1	CN-Guano	CNAB053	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	female	CNAB053	rectal swa	CNAB053	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
253	1	CN-Guano	CNAB054	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	female	CNAB054	rectal swa	CNAB054	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
254	1	CN-Guano	CNAB055	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	female	CNAB055	rectal swa	CNAB055	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
255	1	CN-Guano	CNAB056	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB056			4/1/2019	Wuhan Ins	Conventio	Coronavir
256	1	CN-Guano	CNAB056	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB056			4/1/2019	Wuhan In:	Conventio	Coronavir
257	1	CN-Guano	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB057	rectal swa	CNAB057	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
258	1	CN-Guano	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB057	rectal swa	CNAB057	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
259	1	CN-Guano	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB057	rectal swa	CNAB057	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
260	1	CN-Guano	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB057	rectal swa	CNAB057	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
261	1	CN-Guano	CNAB058	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB058	rectal swa	CNAB058	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
262	1	CN-Yunna	CNAB042	bats	free-rangii	Aselliscus	Stoliczka's	#######	male	CNAB042	rectal swa	CNAB042	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
263	1	CN-Yunna	CNAB045	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB045	rectal swa	CNAB045	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
264	1	CN-Yunna	CNAB045	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB045	rectal swa	CNAB045	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
265	1	CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB046	rectal swa	CNAB046	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
266	1	CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB046	rectal swa	CNAB046	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
267	1	CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB046	rectal swa	CNAB046	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
268	1	CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB046	rectal swa	CNAB046	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
269	1	CN-Yunna	CNAB048	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB048	rectal swa	CNAB048	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
270	1	CN-Yunna	CNAB048	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB048	rectal swa	CNAB048	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
271	1	CN-Yunna	CNAB049	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB049	rectal swa	CNAB049	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
272	1	CN-Yunna	CNAB049	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB049	rectal swa	CNAB049	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
273	1	CN-Guano	CNAB050	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male	CNAB050	rectal swa	CNAB050	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
274	1	CN-Yunna	CNAB030	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB030	rectal swa	CNAB030	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
275	1	CN-Yunna	CNAB031	bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB031	rectal swa	CNAB031	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
276	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
277	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
278	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
279	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
280	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
281	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
282	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
283	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
284	1	CN-Yunna	CNAB032	bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB032	rectal swa	CNAB032	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
285	1	CN-Yunna	CNAB033	bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
286	1	CN-Yunna	CNAB033	bats	free-rangii	Myotis rick	Rickett's b	#######	female	CNAB033	rectal swa	CNAB033	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
287	1	CN-Yunna	CNAB033	bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
288	1	CN-Yunna	CNAB033	bats	free-rangii	Myotis rick	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
289	1	CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	########	male	CNAB033	rectal swa	CNAB033	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
290	1	CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
291	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
292	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ricl	Rickett's b	#######	female			CNAB034			4/1/2019	Wuhan In:	Conventio	Coronavir
293	1	CN-Yunna	CNAB034	bats	free-rangii					CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
294	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
246	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CGCACA(
247	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	CACACAC
248	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CACACAC
249	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CACACAC
250	Quan et al	, RdRp ge	Product fo	Cloning a	Wuhan Ins	#######	Positive	CGCACA
251	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
252	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TACGCAT
253	Quan et al	, RdRp ge	Product fo	Cloning a	Wuhan Ins	#######	Positive	CACACAC
254	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
255	Quan et al	, RdRp ge	Product fo	Cloning a	Wuhan Ins	#######	Positive	CACACAC
256	Quan et al	, RdRp ge	Product fo	Cloning a	Wuhan Ins	#######	Positive	CGCACA
257	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CACACAC
258					Wuhan Ins			CACACAC
259	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CACACAC
260					Wuhan Ins			CACACAC
261					Wuhan In:			CACACAC
262	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TTTAATA
263	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TAAACAC
264					Wuhan Ins		Positive	TAAACAC
265	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TAAACAC
266	Quan et al	, RdRp ge	Product fo	Cloning a	Wuhan Ins	#######	Positive	TAAACAC
267	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TAAACAC
268	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TAAACAC
269	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TAAACAC
270	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TTAATAC
271	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TAAACAC
272	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TAAACAC
273	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
274	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan Ins	#######	Positive	TACGCAT
275	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
276	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan Ins	#######	Positive	TTCCTCT
277	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
278					Wuhan Ins		Positive	CACTCAT
279	Quan et al	, RdRp ge	Product for	Cloning a	Wuhan Ins	#######	Positive	TACGCAT
280	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TACGCAT
281	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
282	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	CACACAT
283					Wuhan Ins		Positive	TACACAT
	Quan et al							TACACAT
285	Quan et al							TCTTATA
286					Wuhan Ins		Positive	TTCCTCT
287		<u> </u>			Wuhan Ins			TACACAT
288	Quan et al							CACTCAT
289		<u> </u>			Wuhan Ins			TACACAT
290	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TACACAT
291					Wuhan Ins			TACACAT
292	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In:	#######	Positive	TACACAT
293	Quan et al						Positive	TACACAT
294	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In:	########	Positive	TACACAT

246 This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. 247 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 248 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 249 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 250 This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat Coronavirus Anlong 57/43 (Genbank Accession No. KY770851) found in bats. There is no evidence at this time to suggest this virus poses 253 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 254 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 258 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 259 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 261 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 264 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronavirus This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 269 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 270 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 271 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 272 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 273 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 274 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 275 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his 276 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi 278 This is a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. This is a strain of the known alphacoronavirus Bat coronavirus 512/2005 (Genbank Accession no. NC 009657) found in bats. This virus has also been found in feces and environmental sam 280 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 281 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 284 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi This is a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi 290 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 292 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu 293 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu 294 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu

	AS	AT	AU	AV	AW	AX	AY
246	PREDICT CoV-108	PREDICT	Interpretat		8/9/2019		
247	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
248	strain of Bat coronavirus HKU2	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	PREDICT CoV-108		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of Bat Coronavirus Anlong 57/43		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	PREDICT_CoV-108 strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	PREDICT_CoV-108 strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Hipposideros_Bat_Alphacoronavirus_ MJ/67C		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
274	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
276	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
278	PREDICT_CoV-107 strain of Bat coronavirus 512/2005	PREDICT	Interpretat	CN-004-P	8/9/2019		
	PREDICT_CoV-107 strain of Bat coronavirus 512/2005	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
287	PREDICT_CoV-107 strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	PREDICT_CoV-107 strain of bat coronavirus HKU6	PREDICT	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
291	strain of bat coronavirus HKU6		Interpretat		8/9/2019		
	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
294	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		

	Α	В	С	D	E	F	G	Н		J	K	L	M	N	0	Р	Q
295	P2	8306	755054	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
296		8307	755054	China		CN-P2 Ba	-	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
297		8308	755055	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169		102.169	6/12/2017	Wet
298		8309	755056	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
299		8310	755057	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
300		8311	755058	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
301	P2	8312	755059	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
302		8314	755060	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
303		8315	755061	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
304	P2	8316	755208	China	EcoHealtl	CN-P2 Ba	no	Guangdoi	Independe	Guangdo	r Guangdor	23.7185	113.735	23.7185	113.735	6/6/2017	Wet
305	P2	8317	755218	China	EcoHealtl	CN-P2 Ba	no	Guangdoi	Independe	Guangdo	rGuangdor	23.7185	113.735	23.7185	113.735	6/6/2017	Wet
306		8318	755233		EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
307	P2	8319	755234	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
308	P2	8320	755237	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
309	P2	8321	755237	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
310		8322	755240	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
311	P2	8324	755241	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
312		8325	755243	China		CN-P2 Ba		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
313		8326	755244	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
314	P2	8327	755245	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
315	P2	8328	755246	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
316		8330	755249	China	EcoHealtl	CN-P2 Ba	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
317	P2	8331	755275	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
318	P2	8332	755277	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
319		8333	755302	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
320	P2	8334	755303	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
321	P2	8335	755306	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
	P2	8336	755307	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
323	P2	8337	755308	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
324		8338	755311	China		CN-P2 Ba		Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
325		8339	755361	China	EcoHealtl	CN-P2 Ba	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2766	110.358	25.2766	110.358	5/14/2017	Wet
326		8340	755363	China	EcoHealtl	CN-P2 Ba	no	Guangdo	Independe	Guangdo	rGuangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
327		8341	755389	China	EcoHealtl	CN-P2 Ba	no	Guangdo	Independe	Guangdo	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
328		8342	755390		EcoHealtl	CN-P2 Ba	no	Guangdo	Independe	Guangdo	rGuangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
329		8343	755429		EcoHealtl	CN-P2 Ba	no	Guangdo	Independe	Guangdo	r Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
330		8344	755438		EcoHealtl	CN-P2 Ba	no	Guangdo	Independe	Guangdo	r Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
	P2	8345	755440	China	EcoHealtl	CN-P2 Ba	no	Guangdo	Independe	Guangdo	r Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
332	P2	8346	755442			CN-P2 Ba			<u> </u>		rGuangdor		113.833	23.3791	113.833	8/8/2016	
333		8347	755462			CN-P2 Ba					rGuangdor		113.833	23.3791	113.833	8/8/2016	
334	P2	8348	755463			CN-P2 Ba					rGuangdor					8/8/2016	
335		8349	755464			CN-P2 Ba					rGuangdor			23.3791		8/8/2016	
336		8350	755465			CN-P2 Ba					rGuangdor			23.3791		8/8/2016	
337		8351	755466			CN-P2 Ba					rGuangdor			23.3791		8/8/2016	
338		8352	755469			CN-P2 Ba					rGuangdor					8/8/2016	
339		8353	755480			CN-P2 Ba					rGuangdor			23.3791		6/26/2016	
340		8354	755481		EcoHealtl	CN-P2 Ba	no				rGuangdor			23.3791		6/26/2016	
341		8355	755484			CN-P2 Ba					rGuangdor		113.833			6/26/2016	
342	P2	8356	755487			CN-P2 Ba					rGuangdor		113.833			6/26/2016	
343	P2	8357	755488	China	EcoHealtl	CN-P2 Ba	no	Guangdo	Independe		r Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet

	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
295	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
296	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
297		CN-Yunna			free-rangii	Myotis ric	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
298	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
299	1	CN-Yunna	CNAB034	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB034	rectal swa	CNAB034	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
300	1	CN-Yunna	CNAB035	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB035	rectal swa	CNAB035	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
301	1	CN-Yunna	CNAB035	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB035	rectal swa	CNAB035	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
302	1	CN-Yunna	CNAB035	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB035	rectal swa	CNAB035	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
303	1	CN-Yunna	CNAB035	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB035	rectal swa	CNAB035	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
304	1	CN-Guano	CNAB025	bats	free-rangii	Rhinoloph	Chinese h	6/6/2017	male	CNAB025	rectal swa	CNAB025	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
305	1	CN-Guano	CNAB026	bats	free-rangii	Rhinoloph	Intermedia	6/6/2017	male	CNAB026	rectal swa	CNAB026	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
306	1	CN-Yunna	CNAB028	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB028	rectal swa	CNAB028	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
307	1	CN-Yunna	CNAB028	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB028	rectal swa	CNAB028	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
308	1	CN-Yunna	CNAB028	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB028	rectal swa	CNAB028	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
309	1	CN-Yunna	CNAB028	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB028	rectal swa	CNAB028	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
310	1	CN-Yunna	CNAB029	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
311		CN-Yunna			free-rangii	Myotis ric	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
312	1	CN-Yunna	CNAB029	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
313	1	CN-Yunna	CNAB029	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
314	1	CN-Yunna	CNAB029	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
315	1	CN-Yunna	CNAB029	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
316	1	CN-Yunna	CNAB029	bats	free-rangii	Myotis ric	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
317	1	CN-Guano	CNAB002	bats	free-rangii	Hipposide	Horsfield's	#######	female	CNAB002	rectal swa	CNAB002	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
318	1	CN-Guano	CNAB002	bats	free-rangii	Hipposide	Horsfield's	#######	male	CNAB002	rectal swa	CNAB002	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
319	1	CN-Guano	CNAB005	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
320	1	CN-Guano	CNAB005	bats	free-rangii				female	CNAB005	rectal swa	CNAB005	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
321	1	CN-Guano	CNAB005	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
322	1	CN-Guano	CNAB005	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
323	1	CN-Guano	CNAB005	bats	free-rangii	Rhinolopi	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
324	1	CN-Guan	CNAB006	bats	free-rangii	Rhinolopl	Chinese h	#######	female	CNAB006	rectal swa	CNAB006	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
325	1	CN-Guano	CNAB011	bats	free-rangii	Myotis sil	i Himalayar	#######	female	CNAB011	rectal swa	CNAB011	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
326	1	CN-Guano	161958	bats	free-rangii	Miniopter	Small long	8/8/2016	male	161958-2	rectal swa	161958-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
327	1	CN-Guang	161984	bats	free-rangii	Miniopter	Small long	8/8/2016	female	161984-2	rectal swa	161984-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
328	1	CN-Guano	161985	bats	free-rangii	Miniopter	Small long	8/8/2016	male	161985-2	rectal swa	161985-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
329	1	CN-Guan	162024	bats	free-rangii	Miniopter	Small long	8/8/2016	male	162024-2	rectal swa	162024-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
330	1	CN-Guano	162033	bats	free-rangii	Miniopter	Small long	8/8/2016	male	162033-2	rectal swa	162033-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
331		CN-Guano	162035	bats	free-rangii	Miniopter	Small long	8/8/2016	female	162035-2	rectal swa	162035-20	#######	3/1/2019	4/1/2019	Wuhan Ins	Conventio	Coronavir
332	1	CN-Guano	162037	bats	free-rangii	Miniopter	Schreiber'	8/8/2016	female	162037-2	rectal swa	162037-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
333	1	CN-Guano	162057	bats	free-rangii	Miniopter	Small long	8/8/2016	male	162057-2	rectal swa	162057-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
334	1	CN-Guano	162058	bats	free-rangii	Miniopter	Small long	8/8/2016	male	162058-2	rectal swa	162058-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
335	1	CN-Guan	162059	bats	free-rangii	Miniopter	Small long	8/8/2016	male	162059-2	rectal swa	162059-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
336	1	CN-Guano	162060	bats	free-rangii	Miniopter	Small long	8/8/2016	female	162060-2	rectal swa	162060-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
337		CN-Guan	162061		free-rangii	Miniopter	Schreiber	8/8/2016	female	162061-2	rectal swa	162061-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
338	1	CN-Guan	162064	bats	free-rangii					162064-2	rectal swa	162064-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
339	1	CN-Guan	161226	bats	free-rangii	Miniopter	Schreiber	#######	female	161226-2	rectal swa	161226-20	######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
340	1	CN-Guan	161227	bats	free-rangii	Miniopter	Schreiber	#######	male	161227-2	rectal swa	161227-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
341	1	CN-Guan	161230	bats	free-rangii	Miniopter	Small long	#######	male	161230-2	rectal swa	161230-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
342	1	CN-Guan	161233	bats	free-rangii	Miniopter	Schreiber	#######	male	161233-2	rectal swa	161233-20	#######	3/1/2019	4/1/2019	Wuhan In:	Conventio	Coronavir
343	1	CN-Guan	161234	bats	free-rangii	Miniopter	ι Schreiber	#######	male	161234-2	rectal swa	161234-20	########	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
295				Cloning ar				TACACAT
296				Cloning ar				CACTCAT
297				Direct Sec				TACACAT
298				Direct Sec				TACACAT
299				Direct Sec				CACACAT
300				Direct Sec				TACACAT
301				Cloning ar				TACACAT
302				Direct Sec				TACACAT
303				Direct Sec				TTCCTCT
304				Direct Sec				TACACAC
				Direct Sec				CACACAC
306				Cloning ar				TACACAT
307				Direct Sec				TACACAT
308				Cloning ar				CACACAT
				Cloning ar				TACACAT
				Direct Sec				TACACAT
311				Cloning ar				TACACAT
312				Direct Sec				TACACAT
313				Cloning ar				TACACAT
314				Direct Sec				TACACAT
315				Direct Sec				TACACAT
316	1			Cloning ar				TACACAT
317				Direct Sec				TACACAT
318				Direct Sec				TAAACAC
319	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan In	#######	Positive	TACACAC
320	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAC
321	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAC
322	Quan et al	, RdRp ge	Product for	Cloning ar	Wuhan In	#######	Positive	TACACAC
323	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAC
324	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAC
325	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	TACACAT
326	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	: #######	Positive	CACACAT
327	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CACACAT
328	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	: #######	Positive	CACACAT
329	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CACACAT
330				Direct Sec			Positive	CACACAT
331	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	#######	Positive	CACACAT
332				Direct Sec				CGCACA
333	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In	\$ ####################################	Positive	CACACAT
	Quan et al							CACACAT
	Quan et al							TACACAT
336	Quan et al							CACACAT
337				Direct Sec				CGCACA
				Direct Sec			Positive	CACACAT
	Quan et al						Positive	TGCACAT
340	Quan et al						Positive	CACACAT
341	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan In		Positive	CACACAT
	Quan et al Quan et al	, RdRp ge	Product for					TGCACAT CGCACAT

AR 295 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 296 This is a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. 297 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 298 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 299 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his 303 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 304 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 305 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 306 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 307 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 308 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 310 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi 313 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 314 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 315 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 316 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 317 This is a coronavirus found in bats belonging to the alphacoronavirus genus, found previously in Laos as a part of the PREDICT project. There is no evidence at this time to suggest that this 318 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 319 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 320 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 321 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 323 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 324 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 326 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 329 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 330 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 333 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 334 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 336 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 340 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 341 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat

	AS	AT	AU	AV	AW	AX	AY
295	PREDICT_CoV-107 strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
296	PREDICT_CoV-107 strain of bat coronavirus HKU6	PREDICT	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6	Bat coron	Interpretat	CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	PREDICT_CoV-53			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU9			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1 strain of Bat coronavirus HKU8			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1				8/9/2019		
				CN-004-P			
	strain of Bat coronavirus HKU8			CN-004-P	8/9/2019		
343	strain of Bat Coronavirus 1	Bat coron	ınterpretat	CN-004-P	8/9/2019		

	Α	В	С	D	Е	F	G	Н	ı	J	К	L	М	N	0	Р	Q
344	P2	8358	755498	China	EcoHealth	CN-P2 Ba	no	Guangdoi	Independ	Guangdoi	Guangdor	23.7185	113.735	23.7185	113.735	6/27/2016	Wet
345		8359	755500	China	EcoHealth	CN-P2 Ba	no	Guangdoi	Independ	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	6/27/2016	Wet
346	P2	8360	755514	China	EcoHealth	CN-P2 Ba	no	Guangdoi	Independ	Guangdoi	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
347	P2	8361	755515	China	EcoHealth	CN-P2 Ba	no	Guangdor	Independ	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
348	P2	8362	755516	China	EcoHealth	CN-P2 Ba	no	Guangdoi	Independ	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
349	P2	8363	755518	China	EcoHealth	CN-P2 Ba	no	Guangdor	Independ	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
350	P2	8364	755519	China	EcoHealtl	CN-P2 Ba	no	Guangdoi	Independ	Guangdoi	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
351	P2	8365	755520	China	EcoHealth	CN-P2 Ba	no	Guangdoi	Independ	Guangdoi	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
352		8366	755522	China	EcoHealth	CN-P2 Ba	no	Guangdo	Independ	Guangdoi	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
353	P2	8367	755526	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
354		8368	755526	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
355		8369	755536	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
356		8370	755541		EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
357		8371	755544	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
358		8372	755548		EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
359		8373	755568		EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	
360		8374	755574	China		CN-P2 Ba		Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	
361		8375	755638	China		CN-P2 Ba		Guangdo	Independ	Guangdo	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet
362		8376	755639	China	EcoHealth	CN-P2 Ba	no	Guangdo	Independ	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	
363		8377	755641	China	EcoHealth	CN-P2 Ba	no	Guangdo	Independ	Guangdo	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	
364		8378	755642	China	EcoHealth	CN-P2 Ba	no	Guangdo	Independ	Guangdo	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet
365		8379	755643	China	EcoHealth	CN-P2 Ba	no	Guangdo	Independ	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet
366		8380	755646		EcoHealth	CN-P2 Ba	no		Independ		Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
367		8381	755647			CN-P2 Ba		Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519		101.519	5/24/2016	Wet
368		8382	755652	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	Wet
369		8383	755672	China	EcoHealth	CN-P2 Ba	no	Yunnan-X	Concurre	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	5/25/2016	
370	P2	8384	755765	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	
	P2	8385	755766	China	EcoHealth	CN-P2 Ba	no	Guangxi-0	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
372		8386	755767	China	EcoHealth	CN-P2 Ba	no				Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
373		8387	755803	China		CN-P2 Ba		Yunnan-C	Concurre	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	5/19/2016	
374		8388	755898			CN-P2 Ba		Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519			5/24/2016	
375		8389	755899	-	EcoHealtl	CN-P2 Ba	no		Independ		Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
376		8390	755900		EcoHealth	CN-P2 Ba	no	Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	Wet
377		8391	755901			CN-P2 Ba			Independ		Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
378	P2	8392	755902			CN-P2 Ba		Yunnan-X	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
379		8393	755903			CN-P2 Ba			Independ		Yunnan	21.7813	101.519		101.519	5/24/2016	
380		9543	712308	-		CN-P2Y3					Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	
	P2	9544	712647	-		CN-P2Y3					Guangdor		113.209	23.1576	113.209	5/9/2017	
382		1487	41957	-	EcoHealth	CN-Bats (no	-	Concurre		Yunnan	24.9519	102.169		102.169	5/19/2016	Wet
383		1488	41967			CN-Bats (Yunnan				24.9519		5/19/2016	
384		1489	42123			CN-Bats (Guangdor			23.3791		8/8/2016	
385	P2	1490	42125			CN-Bats (Guangdor			23.3791		8/8/2016	
386		1491	42127			CN-Bats (Guangdor			23.3791		8/8/2016	
387		1492	42131			CN-Bats (Guangdor					8/8/2016	
388		1493	42133			CN-Bats (113.833			8/8/2016	
389		1494	42135			CN-Bats (-				Guangdor			23.3791		8/8/2016	
390		1495	42139			CN-Bats (Guangdor		113.833			8/8/2016	
391	P2	1496	42143			CN-Bats (Guangdor		113.833			8/8/2016	
392	P2	1497	42195	China	EcoHealth	CN-Bats (no	Guangdo	Independ		Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet

	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
344	1	CN-Guan	161244	bats	free-rangi	Rhinoloph	Intermedia	#######	male	161244-2	rectal swa	161244-20	#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
345	1	CN-Guan	161246				Intermedia				rectal swa			3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
346		CN-Guan	161948				Small long				rectal swa		#######	3/1/2019	4/1/2019	Wuhan In	Conventio	Coronavir
347		CN-Guan	161949				Schreiber'				rectal swa			3/1/2019			Conventio	
348		CN-Guan	161950				Small long				rectal swa						Conventio	
349		CN-Guan	161952				Small long				rectal swa						Conventio	
350		CN-Guan	161953				Small long			-	rectal swa						Conventio	
351		CN-Guan	161954				Small long				rectal swa		#######	3/1/2019			Conventio	
352		CN-Guan	161956				Small long				rectal swa			3/1/2019			Conventio	
353		CN-Guan	160893			_	Least hors				rectal swa		#######	3/1/2019			Conventio	
354		CN-Guan	160893				Least hors				rectal swa		#######				Conventio	
355		CN-Guan	160903				Least hors				rectal swa						Conventio	
356		CN-Guan	160908				Least hors				rectal swa					-	Conventio	
357		CN-Guan	160911				Least hors				rectal swa						Conventio	
358		CN-Guan	160915			· ·	Least hors				rectal swa						Conventio	
359		CN-Guan	160935				Large-ear				rectal swa			3/1/2019			Conventio	
360		CN-Guan	160941				Large-ear				rectal swa			3/1/2019			Conventio	
361		CN-Guan	161211				Schreiber'				rectal swa						Conventio	
362		CN-Guan	161212				Schreiber'				rectal swa						Conventio	
363		CN-Guan	161214				Schreiber'				rectal swa						Conventio	
364		CN-Guan	161215				Schreiber'				rectal swa						Conventio	
365		CN-Guan	161216				Schreiber'				rectal swa						Conventio	
366		CN-Yunna	160768				Cave nect				rectal swa			3/1/2019			Conventio	
367		CN-Yunna	160769				Cave nect				rectal swa			3/1/2019		-	Conventio	
368		CN-Yunna	160774				Cave nect				rectal swa						Conventio	
369		CN-Yunna	160794				Intermedia				rectal swa		#######			-	Conventio	
370		CN-Guang	160887				Least hors				rectal swa		#######				Conventio	
371		CN-Guan	160888				Least hors				rectal swa		#######				Conventio	
372		CN-Guan	160889				Least hors				rectal swa		#######	3/1/2019			Conventio	
373		CN-Yunna	160665				Intermedia				rectal swa						Conventio	
374		CN-Yunna	160760				Cave nect				rectal swa						Conventio	
375		CN-Yunna	160761				Cave nect				rectal swa						Conventio	
376		CN-Yunna	160762				Cave nect				rectal swa						Conventio	
377		CN-Yunna	160763				Cave nect				rectal swa						Conventio	
378		CN-Yunna	160764				Cave nect				rectal swa			3/1/2019			Conventio	
379		CN-Yunna	160765				Cave nect				rectal swa			3/1/2019			Conventio	
380		CN-Guan									rectal swa			#######			Conventio	
381		CN-Guan									rectal swa			#######			Conventio	
382		CN-Yunna					Chinese h				rectal swa			#######			Conventio	
383		CN-Yunna					Intermedia				rectal swa						Conventio	
384		CN-Guang	161948				Small long				rectal swa			1/4/2017			Conventio	
385		CN-Guan					Schreiber'				rectal swa			1/4/2017			Conventio	
386		CN-Guan	161950				Small long				rectal swa			1/4/2017			Conventio	
387		CN-Guan	161952				Small long			-	rectal swa			1/4/2017			Conventio	
388		CN-Guan	161953				Small long				rectal swa			1/4/2017			Conventio	
389		CN-Guan	161954				Small long				rectal swa			1/4/2017			Conventio	
390		CN-Guan	161956				Small long				rectal swa			1/4/2017			Conventio	
391		CN-Guan	161958				Small long				rectal swa			1/4/2017			Conventio	
392		CN-Guan	161984				Small long				rectal swa						Conventio	
032		Jory Juany	101304	Julio	Ince rangii	Intiliopter	Ciriai long	3/3/2010	Cha		Trocker Swa	10100 1 -20	<i></i>	11712011	1/1/2017	vvanan m	100114611110	Joordiavii

	AJ	AK	AL	AM	AN	AO	AP	AQ
344				Direct Sec				CACACAC
345		<u> </u>				#######		CACACAC
346				Direct Sec				CACACAT
347						#######		CGCACA
348						#######		CACACAT
349						#######	Positive	CACACAT
350						#######		CACACAT
351						#######		CACACAT
352						: #######		CACACAT
353				Cloning ar				CGCACA
354						: #######		CACACAC
355						#######		CACACAC
356						: #######		CACACAC
357						#######		TACCTTT
358						#######		CACACAC
359	-			Direct Sec				CGCACA
360		<u> </u>				: #######		CGCACA
361						: #######		CATGGA
362						: #######		CGCACA
363						: #######		CACACAT
364						######################################		CGCACA
365						: #######		CGCACA
366						: #######		TAAACAC
367						: #######		TAAACAC
368	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: ####################################	Positive	TAAACAC
369	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: #######	Positive	CGCACA
370	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: #######	Positive	CGCACA
371	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: #######	Positive	CACACAC
372	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: #######	Positive	CACACAC
373	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	#######	Positive	TAAACAT
374	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	#######	Positive	TAAACAC
375	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: #######	Positive	TAAACAC
376	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	#######	Positive	TAAACAC
377	Quan et al	, RdRp ge	Product fo	Direct Sec	Wuhan Ir	: #######	Positive	TAAACAC
378	Quan et al	, RdRp ge	Product for	Direct Sec	Wuhan Ir	: #######	Positive	TAAACAC
379						t ####################################	Positive	GTAAGG(
380	Quan et al	, RdRp ge	Product for	Direct Sec	Institute of	#######	Positive	CTCTTAC
381				Direct Sec			Positive	CTCTTAC
382	Modified V	Vatanabe	Product for	Direct Sec	Wuhan Ir	: #######	Positive	AGCTAT(
383	Modified V	Vatanabe	Product fo	Direct Sec	Wuhan Ir	: ####################################	Positive	GAGCCA
	Modified V							ATTGCCT
	Modified V							TTTGCCT
	Modified V						Positive	ATTGCCT
	Modified V						Positive	ATTGCCT
	Modified V						Positive	ATTGCCT
	Modified V						Positive	ATTGCCT
	Modified V						Positive	ATTGCCT
	Modified V						Positive	ATTGCCT
392	Modified V	Vatanabe	Product for	Direct Sec	Wuhan Ir	: ####################################	Positive	ATTGCCT

AR This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 345 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 346 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 348 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 350 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 351 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 352 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. 354 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 355 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 356 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 357 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 359 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 362 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 364 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 366 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 369 This is a strain of Rhinolophus/Hipposideros Alphacoronavirus (Genbank accession No. KP876527/KP895522) found in a bat. There is no evidence at this time to suggest this virus poses a 370 This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest that this virus pose any risk to human health. This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 373 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 374 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 376 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 378 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 379 This is the known betacoronavirus Rousettus Bat Coronavirus GCCDC1/346/356 (Genbank Accession No. KU762337) found in a bat, found previously in China. The genus Betacoronaviruse 380 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 382 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is strain of SARS-related bat coronavirus RsSHC014s (Genbank Accession no. KC881005) found in a bat. While SARS is a significant human pathogen, not all strains within this species 384 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 386 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 390 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 391 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 392 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat

	AS	AT	AU	AV	AW	AX	AY
344	strain of Bat coronavirus HKU2	Bat coron	Interpreta	CN-004-P	8/9/2019		
345	strain of Bat coronavirus HKU2	Bat coron	Interpreta	CN-004-P	8/9/2019		
346	strain of Bat Coronavirus 1	Bat coron	Interpreta	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P			
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P			
	PREDICT_CoV-108 strain of Bat coronavirus HKU2		<u> </u>	CN-004-P			
	PREDICT_CoV-108 strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P			
	strain of Bat Coronavirus HKU10			CN-004-P			
	strain of Bat Coronavirus HKU10			CN-004-P			
	strain of Bat Coronavirus 1		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		<u> </u>	CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P	8/9/2019		
	strain of Rhinolophus/Hipposideros Alphacoronavirus			CN-004-P	8/9/2019		
	PREDICT_CoV-108			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P			
	strain of Bat coronavirus HKU2			CN-004-P			
	strain of SARS-related betacoronavirus			CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356		Interpreta		8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P	8/9/2019		
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P			
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P			
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P			
	Rousettus Bat Coronavirus GCCDC1/346/356			CN-004-P			
	strain of Rodent Coronavirus			CN-006-P			
	strain of Rodent Coronavirus		<u> </u>	CN-006-P			
	strain of Bat coronavirus HKU2				9/14/2017		
-	strain of SARS-related betacoronavirus RsSHC014		<u> </u>		9/14/2017		
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1	Bat coron	Interpreta	CN-001-P	9/14/2017		
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1			CN-001-P			
	strain of Bat Coronavirus 1				9/14/2017		

	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q
393	P2	1498	42197	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
394	P2	1499	42275	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
	P2	1500	42293	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
396	P2	1501	42297	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
	P2	1502	42301	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
398	P2	1503	42341	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
399	P2	1504	42343	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
400	P2	1505	42345	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
401	P2	1506	42347	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
	P2	1507	42349	China		CN-Bats (Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
403	P2	1508	42351	China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	Wet
	P2	1509		China	EcoHealth	CN-Bats (no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
	P2	1510	42357	China		CN-Bats (Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	8/8/2016	
406	P2	1513	42525	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
	P2	1514	42527	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
	P2	1515		China	EcoHealth	CN-Bats (no				Guang Xi		110.358	25.2835	110.358	6/21/2016	
	P2	1516	42537	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
410		1517		China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	
	P2	1518	42567	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
	P2	1519	42573	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
	P2	1520	42581	China	EcoHealth	CN-Bats (no				Guang Xi		110.358	25.2835	110.358	6/21/2016	
	P2	1521	42621	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
415		1522	42629	China		CN-Bats (Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	Wet
416		1523		China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	
	P2	1524	42635	China	EcoHealth	CN-Bats (no	Guangxi-0	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2835	110.358	6/21/2016	
	P2	1525		China	EcoHealth	CN-Bats (no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1526	42647	China		CN-Bats (Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	Wet
	P2	1527	42649	China	EcoHealth	CN-Bats (no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	Wet
	P2	1528	42651	China		CN-Bats (Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1529	42653	China	EcoHealth	CN-Bats (no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1530		China		CN-Bats (Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1531	42661	China		CN-Bats (Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1532		China	EcoHealth	CN-Bats (no	Yunnan-X	Independe	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1533		China	_	CN-Bats (Independe		Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	
	P2	1534		China		CN-Bats (Yunnan-X	Concurrer	Yunnan	Yunnan	22.4319	100.669	22.4319	100.669	5/25/2016	
	P2	2829	176573		EcoHealth				<u> </u>	Guangdor		23.3791	113.833	23.3791	113.833	6/26/2016	
	P2	2830	176708		EcoHealth	CN-Bats I	no				Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	
430		2831	176713		EcoHealth	CN-Bats I	no	Guangdor	Independe	Guangdor	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	
	P2	2832	176718			CN-Bats I					Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet
432	P2	2834	176733		EcoHealth						Guangdor			23.3791	113.833	6/26/2016	
433		2835	176738		EcoHealth						Guangdor				113.833	6/26/2016	
434	P2	2836	176743			CN-Bats I					Guangdor				113.833	6/26/2016	
435		2837	176793		EcoHealth						Guangdor				113.833	6/26/2016	
436	P2	2838	176798		EcoHealth						Guangdor				113.833		
437		2840	176813		EcoHealth						Guangdor				113.833	6/26/2016	
438		2841	177408		EcoHealth						Guang Xi			25.2835		6/21/2016	
439		2842	177433		EcoHealth						Guang Xi			25.2835		6/21/2016	
440	P2	2843	178403		EcoHealth				Independe		Yunnan	21.7813		21.7813	101.519	5/24/2016	
441	P2	2844	178408	China	EcoHealth	CN-Bats I	no	Yunnan-X	Independe		Yunnan	21.7813	101.519	21.7813	101.519	5/24/2016	Wet

	R S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	АН	Al
393	1 CN-Guan	161985	bats	free-rangii	Miniopteru	Small long	8/8/2016	male	161985-2	rectal swa	161985-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
394	1 CN-Guan	162024	bats	free-rangii	Miniopteru	Small long	8/8/2016	male	162024-2	rectal swa	162024-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
395	1 CN-Guan	162033	bats	free-rangii					162033-2	rectal swa	162033-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
396	1 CN-Guan	162035	bats				8/8/2016		162035-2	rectal swa	162035-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
397	1 CN-Guan	162037	bats	free-rangii	Miniopteru	Schreiber'	8/8/2016	female	162037-2	rectal swa	162037-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
398	1 CN-Guan	162057	bats	free-rangii	Miniopteru	Small long	8/8/2016	male	162057-2	rectal swa	162057-20	#######	1/4/2017			Conventio	
399	1 CN-Guan	162058	bats	free-rangii					162058-2	rectal swa	162058-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
400	1 CN-Guan	162059	bats	free-rangii	-					rectal swa		#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
401	1 CN-Guan	162060	bats	free-rangii	Miniopteru	Small long	8/8/2016	female	162060-2	rectal swa	162060-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
402	1 CN-Guan	162061	bats	free-rangii	Miniopteru	Schreiber'	8/8/2016	female		rectal swa			1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
403	1 CN-Guan	162062	bats	free-rangii	Miniopteru	Small long	8/8/2016	male	162062-2	rectal swa	162062-20	#######	1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
404	1 CN-Guan	162064		free-rangii	Miniopteru	Small long	8/8/2016	male		rectal swa			1/4/2017			Conventio	
405	1 CN-Guan	162065		free-rangii	· ·					rectal swa			1/4/2017	1/7/2017	Wuhan In:	Conventio	Coronavir
406	1 CN-Guan	160887		free-rangii	Rhinoloph	Least hors	#######	male		rectal swa			#######	#######	Wuhan In:	Conventio	Coronavir
407	1 CN-Guan	160888		free-rangii				female	-	rectal swa			#######			Conventio	
408	1 CN-Guan	160889		free-rangii				male		rectal swa		#######	#######			Conventio	
409	1 CN-Guan	160893		free-rangii				male	<u> </u>	rectal swa			#######			Conventio	
410	1 CN-Guan	160903		free-rangii				male		rectal swa		#######	#######			Conventio	
411	1 CN-Guan	160908		free-rangii				male	_	rectal swa			#######			Conventio	
412	1 CN-Guan	160911		free-rangii				female		rectal swa			#######	#######		Conventio	
413	1 CN-Guan	160915		free-rangii				female		rectal swa			#######			Conventio	
414	1 CN-Guan	160935		free-rangii				female		rectal swa		#######	#######	#######		Conventio	
415	1 CN-Guan	160939		free-rangii				female		rectal swa			#######	#######		Conventio	
416	1 CN-Guan	160941		free-rangii				female		rectal swa		#######	#######			Conventio	
417	1 CN-Guan	160942		free-rangii				male		rectal swa			#######			Conventio	
418	1 CN-Yunna	160760		free-rangii				female		rectal swa			#######			Conventio	
419	1 CN-Yunna	160761		free-rangii				female		rectal swa		#######	#######			Conventio	
420	1 CN-Yunna	160762		free-rangii				female	-	rectal swa			#######			Conventio	
421	1 CN-Yunna	160763	bats	free-rangii				female		rectal swa			#######	#######		Conventio	
422	1 CN-Yunna	160764		free-rangii				female	-	rectal swa		#######	#######	#######		Conventio	
423	1 CN-Yunna	160765		free-rangii				male		rectal swa			#######			Conventio	
424	1 CN-Yunna	160768		free-rangii				female		rectal swa			#######			Conventio	
425	1 CN-Yunna	160769		free-rangii				female		rectal swa			#######			Conventio	
426	1 CN-Yunna	160774		free-rangii	_			male		rectal swa			#######			Conventio	
427	1 CN-Yunna	160794		free-rangii				male		rectal swa		#######	#######	#######		Conventio	
428	1 CN-Guang	161212		free-rangii				male				#######	#######	#######		Conventio	
429	1 CN-Guan	161209		free-rangii				male		rectal swa			#######	#######	Wuhan In:	Conventio	Coronavir
430	1 CN-Guan	161210		free-rangii				male		rectal swa			#######	#######	Wuhan In	Conventio	Coronavir
431	1 CN-Guan	161211		free-rangii						rectal swa						Conventio	
432	1 CN-Guan			free-rangii						rectal swa				#######	Wuhan In	Conventio	Coronavir
433	1 CN-Guan			free-rangii						rectal swa						Conventio	
434	1 CN-Guan						#######			rectal swa						Conventio	
435	1 CN-Guan			free-rangi						rectal swa						Conventio	
436	1 CN-Guan			free-rangii						rectal swa						Conventio	
437	1 CN-Guan			free-rangi						rectal swa						Conventio	
438	1 CN-Guan			free-rangii						oral swab						Conventio	
439	1 CN-Guan	160942		free-rangi						oral swab						Conventio	
440	1 CN-Yunna			free-rangii						oral swab						Conventio	
441	1 CN-Yunna	160757		free-rangi						oral swab		#######				Conventio	
	. Ort ranning			oo rangii				Che									

	AJ A	K	AL	AM	AN.	J	AO	AP	AQ
393	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	TTTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	TTTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	GCTATGO
-	Modified Wata							Positive	GCTATGO
	Modified Wata							Positive	GCTATGO
	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	GCTATG
	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	GCTATG
_	Modified Wata							Positive	AGAGCA
	Modified Wata							Positive	AGCATTO
	Modified Wata							Positive	GCATTG
	Modified Wata							Positive	AGCATTO
	Modified Wata							Positive	TGCTACC
	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	AGCTATO
_	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	GCTATGO
	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	TATGCCC
	Modified Wata							Positive	AGCTATO
	Modified Wata							Positive	CTATGC
_	Modified Wata							Positive	AGCATTA
	Modified Wata							Positive	AGAGCT
	Modified Wata							Positive	GAGCTTT
_	Modified Wata							Positive	ATTGCCT
	Modified Wata							Positive	AGAGCT
	Modified Wata								GTATGAT
	Modified Wata								AGAGCA
	Modified Wata								AGAGCT
	Modified Wata								GCATTG
	Modified Wata								TTTGCCT
	Modified Wata								AGAGCA
	Modified Wata								AGCATTO
	Modified Wata								ACAGAG
	Modified Wata								AATTTGC
	Modified Wata								AGAGCT/
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AR 393 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 394 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 395 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 396 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 397 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 399 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 400 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 403 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 404 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 405 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. 411 This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre 415 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre 416 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a threa 417 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre 418 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 419 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 420 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 421 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 422 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 423 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 424 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 425 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER 426 This is a new coronavirus found in bats belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to public health such as SARS and MER This is a strain of Rhinolophus/Hipposideros Alphacoronavirus (Genbank accession No. KP876527/KP895522) found in a bat. There is no evidence at this time to suggest this virus poses a t 428 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 430 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 431 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 434 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 435 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 436 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 438 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a thre 439 This is a strain of the known alphacoronavirus Bat Coronavirus HKU10 (Genbank Accession No. JQ989272) found in bats. There is no evidence at this time to suggest this virus poses a threa 440 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 441 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus

	AS	AT	AU	AV	AW	AX	AY
393	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat		9/14/2017		
	strain of Bat Coronavirus 1		Interpretat		9/14/2017		
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat		9/14/2017		
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	strain of Bat Coronavirus 1		Interpretat				
	PREDICT_CoV-79		Interpretat				
	PREDICT_CoV-79		Interpretat				
	PREDICT_CoV-79		Interpretat				
	PREDICT CoV-79		Interpretat				
	PREDICT CoV-79		Interpretat				
	PREDICT CoV-79		Interpretat				
	PREDICT_CoV-79		Interpretat		9/14/2017		
	PREDICT_CoV-79		Interpretat				
	strain of Bat Coronavirus HKU10		Interpretat				
	strain of Bat Coronavirus HKU10		Interpretat				
	strain of Bat Coronavirus HKU10		Interpretat				
	strain of Bat Coronavirus HKU10						
	PREDICT_CoV-22		Interpretat Interpretat		9/14/2017		
	PREDICT_CoV-22 PREDICT_CoV-22		Interpretat				
	PREDICT CoV-22						
			Interpretat				
	PREDICT_CoV-22		Interpretat				
	PREDICT_CoV-22		Interpretat				
	PREDICT_CoV-22		Interpretat				
	PREDICT_CoV-22		Interpretat		9/14/2017		
	PREDICT_CoV-22		Interpretat		9/14/2017		
	PREDICT_CoV-22		Interpretat		9/14/2017		
	strain of Rhinolophus/Hipposideros Alphacoronavirus		Interpretat		9/14/2017		
	strain of Bat Coronavirus 1 strain of Bat Coronavirus 1		Interpretat		8/9/2018		
			Interpretat		8/9/2018		
	strain of Bat coronavirus HKU8		Interpretat		8/9/2018		
	strain of Bat Coronavirus 1		Interpretat		8/9/2018		
	strain of Bat Coronavirus 1		Interpretat		8/9/2018		
	strain of Bat Coronavirus 1		Interpretat		8/9/2018		——
	strain of Bat Coronavirus 1		Interpretat		8/9/2018		———
	strain of Bat Coronavirus HKU8		Interpretat		8/9/2018		——
	strain of Bat Coronavirus 1		Interpretat		8/9/2018		
	strain of Bat Coronavirus 1		Interpretat		8/9/2018		
	strain of Bat Coronavirus HKU10		Interpretat		8/9/2018		
	strain of Bat Coronavirus HKU10		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
441	PREDICT_CoV-22	PREDICT	Interpretat	CN-003-P	8/9/2018		

	A	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q
442	P2	2845	178798	China	EcoHealt	CN-Bats F	no	Guangdor	Independe	Guangdo	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet
443		2846	178803	China	EcoHealt	CN-Bats F	no	Guangdor	Independe	Guangdo	Guangdor	23.3791	113.833	23.3791	113.833	6/26/2016	Wet
	P2	2847	178853	China	EcoHealt	CN-Bats F	no	Guangdor	Independe	Guangdo	Guangdor	23.7185	113.735	23.7185	113.735	6/27/2016	Wet
445	P2	2848	178863	China	EcoHealt	CN-Bats F	no	Guangdor	Independe	Guangdo	Guangdor	23.7185	113.735	23.7185	113.735		
446		3697	247356	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
447		3698	247383	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
448	P2	3699	247384	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
449	P2	3700	247387	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
450 l		3701	247388	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
451 l		3702	247389	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
452	P2	3703	247392	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2806	110.358	25.2806	110.358	4/27/2017	Wet
453	P2	3704	247442	China	EcoHealt	CN-P2Y3	no	Guangxi-0	Independe	Guangxi 2	Guang Xi	25.2766	110.358	25.2766	110.358	5/14/2017	Wet
454	P2	3705	247589	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangdo	Guangdor	23.7185	113.735	23.7185	113.735	6/6/2017	Wet
455	P2	3706	247599	China	EcoHealt	CN-P2Y3	no	Guangdor	Independe	Guangdo	Guangdor	23.7185	113.735	23.7185	113.735	6/6/2017	Wet
456	P2	3707	247614	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
457	P2	3708	247615	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
458	P2	3709	247616	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
459	P2	3710	247618	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
460	P2	3711	247620	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
461	P2	3712	247621	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
462	P2	3713	247622	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
463	P2	3714	247624	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
464	P2	3715	247626	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
465	P2	3716	247627	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
466	P2	3717	247629	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
467	P2	3718	247630	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
468	P2	3719	247636	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
469	P2	3720	247642	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
470	P2	3721	247652	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
471	P2	3722	247653	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
472	P2	3723	247654	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
473	P2	3724	247657	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
474	P2	3725	247658	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
475	P2	3726	247660	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
476	P2	3727	247661	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
477	P2	3728	247662	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
478	P2	3729	247663	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
479		3730	247664	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
480	P2	3731	247670	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
481		3732	247671	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
482		3733	247672			CN-P2Y3		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519		24.9519			
483		3734	247673		EcoHealt	CN-P2Y3	no		Concurrer		Yunnan	24.9519		24.9519		6/12/2017	Wet
484		3735	247678	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
485		3736	247680		EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519		24.9519	102.169	6/12/2017	Wet
486		3737	247681	China	EcoHealt	CN-P2Y3	no		Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
487		3738	247682	China	EcoHealt	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	6/12/2017	Wet
488		3739	247683			CN-P2Y3		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519			
489		3740	247684	China	EcoHealt	CN-P2Y3	no		Concurrer		Yunnan			24.9519			
490		3741	247755			CN-P2Y3			Concurrer		Yunnan			22.4319			

	R S	Т	U	V	W	Х	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
442	1 CN-Guan	161233	bats	free-rangii	Miniopteru	Schreiber'	#######	male	161233-2	rectal swa	161233-20	#######	#######	#######	Wuhan In:	Convention	Coronavir
443	1 CN-Guan	161234	bats	free-rangii	Miniopteru	Schreiber'	#######	male	161234-2	rectal swa	161234-20	#######	#######	#######	Wuhan In:	Convention	Coronavir
444	1 CN-Guan	161244	bats	free-rangii	Rhinoloph	Intermedia	#######	male	161244-2	rectal swa	161244-20	#######	#######	#######	Wuhan In:	Convention	Coronavir
445	1 CN-Guan	161246	bats	free-rangii				female	161246-2	rectal swa	161246-20	#######	#######	#######	Wuhan In:	Convention	Coronavir
446	1 CN-Guan	CNAB002	bats	free-rangii	Hipposide	Horsfield's	#######	female	CNAB002	rectal swa	CNAB002	#######	#######	#######	Wuhan In:	Convention	Coronavir
447	1 CN-Guan	CNAB005	bats	free-rangii				female	CNAB005	rectal swa	CNAB005	#######	#######	#######	Wuhan In:	Convention	Coronavir
448	1 CN-Guan	CNAB005	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	#######	#######	Wuhan In:	Convention	Coronavir
449	1 CN-Guang	CNAB005	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	#######	#######	Wuhan In:	Convention	Coronavir
450	1 CN-Guan	CNAB005	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB005	rectal swa	CNAB005	#######	#######	#######	Wuhan In:	Convention	Coronavir
451	1 CN-Guan	CNAB005	bats	free-rangii				female	CNAB005	rectal swa	CNAB005	#######	#######	#######	Wuhan In:	Convention	Coronavir
452	1 CN-Guan	CNAB006	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB006	rectal swa	CNAB006	#######	#######	#######	Wuhan In:	Convention	Coronavir
453	1 CN-Guan	CNAB011	bats	free-rangii	Myotis sili	Himalayar	#######	female	CNAB011	rectal swa	CNAB011	#######	#######	#######	Wuhan In:	Convention	Coronavir
454	1 CN-Guan	CNAB025	bats	free-rangii				male	CNAB025	rectal swa	CNAB025	#######	#######	#######	Wuhan In:	Convention	Coronavir
455	1 CN-Guan	CNAB026	bats	free-rangii	Rhinoloph	Intermedia	6/6/2017	male	CNAB026	rectal swa	CNAB026	#######	#######	#######	Wuhan In:	Convention	Coronavir
456	1 CN-Yunna	CNAB028	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB028	rectal swa	CNAB028	#######	#######	#######	Wuhan In:	Convention	Coronavir
457	1 CN-Yunna	CNAB028	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB028	rectal swa	CNAB028	#######	#######	#######	Wuhan In:	Convention	Coronavir
458	1 CN-Yunna	CNAB028	bats	free-rangii				female	CNAB028	rectal swa	CNAB028	#######	#######	#######	Wuhan In:	Convention	Coronavir
459	1 CN-Yunna	CNAB028	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB028	rectal swa	CNAB028	#######	#######	#######	Wuhan In:	Convention	Coronavir
460	1 CN-Yunna	CNAB028	bats	free-rangii				female	CNAB028	rectal swa	CNAB028	#######	#######	#######	Wuhan In:	Convention	Coronavir
461	1 CN-Yunna	CNAB029	bats	free-rangii				female	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
462	1 CN-Yunna	CNAB029	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
463	1 CN-Yunna	CNAB029	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
464	1 CN-Yunna	CNAB029	bats	free-rangii				female	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
465	1 CN-Yunna	CNAB029	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
466	1 CN-Yunna	CNAB029	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
467	1 CN-Yunna	CNAB029	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB029	rectal swa	CNAB029	#######	#######	#######	Wuhan In:	Convention	Coronavir
468	1 CN-Yunna	CNAB030	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB030	rectal swa	CNAB030	#######	#######	#######	Wuhan In:	Convention	Coronavir
469	1 CN-Yunna	CNAB031	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB031	rectal swa	CNAB031	#######	#######	#######	Wuhan In:	Convention	Coronavir
470	1 CN-Yunna	CNAB032	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	#######	#######	Wuhan In:	Convention	Coronavir
471	1 CN-Yunna	CNAB032	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	#######	#######	Wuhan In:	Convention	Coronavir
472	1 CN-Yunna	CNAB032	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	#######	#######	Wuhan In:	Convention	Coronavir
473	1 CN-Yunna	CNAB032	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	#######	#######	Wuhan In:	Convention	Coronavir
474	1 CN-Yunna	CNAB032	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB032	rectal swa	CNAB032	#######	#######	#######	Wuhan In:	Convention	Coronavir
475	1 CN-Yunna	CNAB032	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB032	rectal swa	CNAB032	#######	#######	#######	Wuhan In:	Convention	Coronavir
476	1 CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	#######	#######	Wuhan In:	Convention	Coronavir
477	1 CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB033	rectal swa	CNAB033	#######	#######	#######	Wuhan In:	Convention	Coronavir
478	1 CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	#######	#######	Wuhan In:	Convention	Coronavir
479	1 CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	#######	#######	Wuhan In:	Convention	Coronavir
480	1 CN-Yunna	CNAB033	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB033	rectal swa	CNAB033	#######	#######	#######	Wuhan In:	Convention	Coronavir
481	1 CN-Yunna	CNAB034	bats	free-rangii							CNAB034						Coronavir
482	1 CN-Yunna	CNAB034	bats	free-rangii	Myotis ricl	Rickett's b	#######	male	CNAB034	rectal swa	CNAB034	#######	#######	#######	Wuhan In:	Convention	Coronavir
483	1 CN-Yunna	CNAB034	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB034	rectal swa	CNAB034	#######	#######	#######	Wuhan In:	Convention	Coronavir
484	1 CN-Yunna	CNAB034	bats	free-rangii					CNAB034	rectal swa	CNAB034	#######	#######	#######	Wuhan In:	Convention	Coronavir
485	1 CN-Yunna	CNAB034	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB034	rectal swa	CNAB034	#######	#######	#######	Wuhan In:	Convention	Coronavir
486	1 CN-Yunna	CNAB035	bats	free-rangii					CNAB035	rectal swa	CNAB035	#######	#######	#######	Wuhan In:	Convention	Coronavir
487	1 CN-Yunna	CNAB035	bats	free-rangii							CNAB035					Convention	
488	1 CN-Yunna	CNAB035	bats	free-rangii	Myotis ricl	Rickett's b	#######	female	CNAB035	rectal swa	CNAB035	#######	#######	#######	Wuhan In:	Convention	Coronavir
489	1 CN-Yunna			free-rangii							CNAB035						Coronavir
490	1 CN-Yunna	CNAB042	bats	free-rangii	Aselliscus	Stoliczka's	#######	male	CNAB042	rectal swa	CNAB042	########	#######	########	Wuhan In:	Convention	Coronavir

	AJ	AK	AL	AM	П	AN		AO	AP	AQ
112	_	Vatanabe			_		In		Positive	AGAGCA
		Watanabe (_		_		Positive	GTTGTAG
		Vatanabe (_		_		Positive	TGATAGO
-		Watanabe (_		Positive	TGATAGO
		Watanabe (_		Positive	AGAGCT
_		Watanabe (_		Positive	AGCTATO
		Watanabe (Positive	AGCTATO
		Watanabe (Positive	GCATGTT
-		Watanabe ($\overline{}$		_		Positive	GAAGCA
		Watanabe (_		_		Positive	AGAGCTA
		Watanabe			_		\rightarrow		Positive	AGCTATO
		Watanabe								CTTACCT
		Watanabe (Positive Positive	GAGCTAT
		•								
-		Natanabe					_		Positive	GGTTCTC
		Natanabe		_	_		_		Positive	AGCATTA
		Natanabe			_		\rightarrow		Positive	AGAGCAT
		Natanabe			_		_		Positive	CATTACC
		Natanabe							Positive	GCATTAC
		Natanabe			_		-		Positive	GCATTAC
		Natanabe							Positive	AGCATTA
		Natanabe			$\overline{}$		_		Positive	TTGGGC
		Natanabe							Positive	TAAGCAT
		Natanabe			_		_		Positive	CTCTCTA
		Natanabe •							Positive	GCTATGA
		<u>Natanabe</u>					_		Positive	AATATGA
		Natanabe •					_		Positive	GCATTAC
468	Modified V	Natanabe	Product f	Direct	Sed	Wuhan	In	#######	Positive	GCATTAC
		Natanabe			_		$\overline{}$		Positive	AGAGCA
		Natanabe •			_		$\overline{}$		Positive	AGCATTA
471	Modified V	<u>Natanabe</u>	Product f	Direct	Sed	Wuhan	In	#######	Positive	AGAGCA
472	Modified V	Natanabe	Product f	Direct	Sed	Wuhan	In	#######	Positive	GAGCATT
473	Modified V	Natanabe	Product f	Direct	Sed	Wuhan	In	#######	Positive	AGCATTA
474	Modified V	Natanabe (Product f	Direct	Sed	Wuhan	In	#######	Positive	ATTACCT
475	Modified V	Natanabe	Product f	Direct	Sed	Wuhan	In	#######	Positive	GCATTAC
476	Modified V	Natanabe (Product f	Direct	Sed	Wuhan	In	#######	Positive	CCATGAT
477	Modified V	Natanabe •	Product f	Direct	Sed	Wuhan	Ins	#######	Positive	CATTACC
478	Modified V	Natanabe	Product f	Direct	Sed	Wuhan	In	#######	Positive	TAATATG
479	Modified V	Natanabe •	Product f	Direct	Sed	Wuhan	In	#######	Positive	GGTTTTA
480	Modified V	Watanabe	Product f	Direct	Sed	Wuhan	In	#######	Positive	ATTACCT
481	Modified V	Natanabe •	Product f	Direct	Sed	Wuhan	Ins	#######	Positive	GAGCATT
482	Modified V	Watanabe	Product f	Direct	Sed	Wuhan	Ins	#######	Positive	AGCATTA
483	Modified V	Natanabe •	Product f	Direct	Sed	Wuhan	In	#######	Positive	AGAGCA
		Watanabe							Positive	GAGCATT
		Natanabe			_		_		Positive	TAATATG
		Natanabe •							Positive	GAGCATT
		Natanabe							Positive	AGCATTA
		Natanabe			_		_		Positive	TTTACAG
				_	_		_		Positive	ATGATTT
		Natanabe (Positive	AGAGCA
					4					

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442 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 443 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 444 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 446 This is a new coronavirus found in a bat belonging to the alphacoronavirus genus. There is no evidence at this time to suggest this virus poses a threat to human health. This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 450 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 452 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 453 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 454 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 455 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his 460 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 464 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 468 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his 470 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 471 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi 473 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 474 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 476 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 477 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 478 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 479 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 480 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi 484 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to his This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hi This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 488 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu 489 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to hu 490 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is no

	AS	AT	AU	AV	AW	AX	AY
442	strain of Bat coronavirus HKU8	Bat coron	Interpreta	CN-003-P	8/9/2018		
443	strain of Bat Coronavirus 1	Bat coron	Interpreta	CN-003-P	8/9/2018		
444	strain of Bat coronavirus HKU2	Bat coron	Interpreta	CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	PREDICT_CoV-95			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2			CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU2		<u> </u>	CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6		<u> </u>	CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6		•	CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6		<u> </u>	CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
	strain of bat coronavirus HKU6				8/9/2018		
				CN-003-P			
	strain of bat coronavirus HKU6			CN-003-P	8/9/2018		
490	strain of Hipposideros_Bat_Alphacoronavirus_ MJ/67C	∣⊔ibbosige	ınterpreta	CN-003-P	8/9/2018		

	Α	В	С	D	Е	F	G	Н		J	К	L	М	N	0	P	Q
491	P2	3742	247790	China	EcoHealth	CN-P2Y3	no	Yunnan->	Independ	Yunnan	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
	P2	3743	247793			CN-P2Y3			(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3744	247794	China		CN-P2Y3			(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3745	247797		EcoHealth				(Independ	-	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3746	247799			CN-P2Y3			(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3747	247809			CN-P2Y3			Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3748	247814		EcoHealth				(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3749	247815	China	EcoHealth				(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3750	247816	China	EcoHealth	CN-P2Y3			(Independ	_	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
	P2	3751	247817			CN-P2Y3			(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
	P2	3752	247824	China	EcoHealth	CN-P2Y3	no		(Independ	_	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
	P2	3753	247826			CN-P2Y3			(Independ		Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	
	P2	3754	247828	China	EcoHealth	CN-P2Y3	no		(Independ	_	Yunnan	21.7813	101.519	21.7813	101.519	7/23/2017	Wet
	P2	3755	247831	China		CN-P2Y3		Guangxi-	(Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	3756	247854	China	EcoHealth	CN-P2Y3				Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3757	247855			CN-P2Y3				eGuangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3758	247857		EcoHealth	CN-P2Y3	no			Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3759	247877			CN-P2Y3				eGuangxi Z			110.358	25.2806	110.358	8/4/2017	
	P2	3760	247881			CN-P2Y3			-	€Guangxi Z			110.358	25.2806	110.358	8/4/2017	
510		3761	247891		EcoHealth					eGuangxi Z			110.358	25.2806	110.358	8/4/2017	
	P2	3762	247903			CN-P2Y3			-	€Guangxi Z			110.358	25.2806	110.358	8/4/2017	
	P2	3763	247905		EcoHealth					«Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3764	247908	China		CN-P2Y3			-	€Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3765	247909			CN-P2Y3			· · · · · · · · · · · · · · · · · · ·	€Guangxi Z			110.358	25.2806	110.358	8/4/2017	
	P2	3766	247911	China		CN-P2Y3			<u> </u>	€Guangxi Z			110.358	25.2806	110.358	8/4/2017	
	P2	3767	247912	China	EcoHealth	CN-P2Y3	no			Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
517		3768	247913	China		CN-P2Y3				€Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3769	247914	China	EcoHealth	CN-P2Y3				•Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3770	247915	China	EcoHealth	CN-P2Y3	no	Guangxi-	(Independ	•Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	3771	247916	China		CN-P2Y3				Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3772	247918	China	EcoHealth	CN-P2Y3	no			•Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3773	247920			CN-P2Y3			· · · · · · · · · · · · · · · · · · ·	•Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3774	247921	China	EcoHealth	CN-P2Y3	no	Guangxi-	(Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	3775	247923		EcoHealth	CN-P2Y3				€Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3776	247924	China	EcoHealth	CN-P2Y3	no	Guangxi-	(Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	3777	247926	China	EcoHealth	CN-P2Y3	no		-	€Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
	P2	3778	247928	China	EcoHealth	CN-P2Y3	no	Guangxi-	Independ	«Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	3779	247929	China	EcoHealth	CN-P2Y3	no	Guangxi-	Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
529	P2	3780	247933	China	EcoHealth	CN-P2Y3	no	Guangxi-	(Independ	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
530		3781	247934	China	EcoHealth	CN-P2Y3	no			Guangxi Z			110.358	25.2806	110.358	8/4/2017	Wet
531	P2	3782	247939		EcoHealth					€Guangxi Z				25.2806		8/4/2017	
532		3783	247942		EcoHealth					€Guangxi Z						8/4/2017	
533	P2	3784	247944		EcoHealth					€Guangxi Z				25.2806		8/4/2017	
534	P2	3785	247952		EcoHealth					«Guangxi Z			110.358		110.358	8/4/2017	
535	P2	3786	247953		EcoHealth					€Guangxi Z						8/4/2017	
536	P2	3787	247958		EcoHealth					€Guangxi Z			110.358	25.2806	110.358	8/4/2017	
537	P2	3788	247959		EcoHealth					€Guangxi Z					110.358	8/4/2017	
538		3789	247960		EcoHealth					eGuangxi Z				25.2806		8/4/2017	
539	P2	3790	247965		EcoHealth					€Guangxi Z				25.2806		8/4/2017	

	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
491	1	1 CN-Yunna	CNAB045	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB045	rectal swa	CNAB045	#######	#######	#######	Wuhan In:	Convention	Coronavir
492	1	1 CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB046	rectal swa	CNAB046	#######	#######	#######	Wuhan In:	Convention	Coronavir
493	1	1 CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB046	rectal swa	CNAB046	#######	#######	#######	Wuhan In:	Convention	Coronavir
494	1	1 CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB046	rectal swa	CNAB046	#######	#######	#######	Wuhan In:	Convention	Coronavir
495	1	1 CN-Yunna	CNAB046	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB046	rectal swa	CNAB046	#######	#######	#######	Wuhan In:	Convention	Coronavir
496	1	1 CN-Yunna	CNAB047	bats	free-rangii				female	CNAB047	rectal swa	CNAB047	#######	#######	#######	Wuhan In:	Convention	Coronavir
497	1	1 CN-Yunna	CNAB048	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB048	rectal swa	CNAB048	#######	#######	#######	Wuhan In:	Conventio	Coronavir
498	1	1 CN-Yunna	CNAB048	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB048	rectal swa	CNAB048	#######	#######	#######	Wuhan In:	Convention	Coronavir
499	1	1 CN-Yunna	CNAB048	bats	free-rangii	Eonycteris	Cave nect	#######	male	CNAB048	rectal swa	CNAB048	#######	#######	#######	Wuhan In:	Conventio	Coronavir
500	1	1 CN-Yunna	CNAB048	bats	free-rangii				male			CNAB048		#######	#######	Wuhan In:	Convention	Coronavir
501	1	1 CN-Yunna	CNAB049	bats	free-rangii	Eonycteris	Cave nect	#######	male			CNAB049		#######	#######	Wuhan In:	Convention	Coronavir
502		1 CN-Yunna			free-rangii	Eonycteris	Cave nect	#######	male	CNAB049	rectal swa	CNAB049	#######	#######	#######	Wuhan Ins	Convention	Coronavir
503	1	1 CN-Yunna	CNAB049	bats	free-rangii	Eonycteris	Cave nect	#######	male			CNAB049		#######	#######	Wuhan In:	Convention	Coronavir
504	1	1 CN-Guan	CNAB050	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male			CNAB050		#######	#######	Wuhan In:	Convention	Coronavir
505	1	1 CN-Guan	CNAB052	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male	CNAB052	rectal swa	CNAB052	#######	#######	#######	Wuhan In:	Convention	Coronavir
506	1	1 CN-Guan	CNAB052	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male	CNAB052	rectal swa	CNAB052	#######	#######	#######	Wuhan In:	Convention	Coronavir
507	1	1 CN-Guan	CNAB052	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	male	CNAB052	rectal swa	CNAB052	#######	#######	#######	Wuhan In:	Convention	Coronavir
508	1	1 CN-Guan	CNAB054	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	female	CNAB054	rectal swa	CNAB054	#######	#######	#######	Wuhan In:	Convention	Coronavir
509	1	1 CN-Guan	CNAB055	bats	free-rangii	Myotis sili	Himalayar	8/4/2017	female	CNAB055	rectal swa	CNAB055	#######	#######	#######	Wuhan In:	Convention	Coronavir
510	1	1 CN-Guan	CNAB056	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB056	rectal swa	CNAB056	#######	#######	#######	Wuhan In:	Convention	Coronavir
511	1	1 CN-Guan	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female				#######	#######	#######	Wuhan In:	Convention	Coronavir
512	1	1 CN-Guan	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB057	rectal swa	CNAB057	#######	#######	#######	Wuhan In:	Convention	Coronavir
513	1	1 CN-Guan	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB057	rectal swa		#######	#######	#######	Wuhan In:	Convention	Coronavir
514	1	1 CN-Guan	CNAB057	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female				#######	#######	#######	Wuhan In:	Convention	Coronavir
515	1	1 CN-Guan	CNAB058	bats	free-rangii					CNAB058	rectal swa	CNAB058	#######	#######	#######	Wuhan In:	Convention	Coronavir
516	1	1 CN-Guan	CNAB058	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male			CNAB058		#######	#######	Wuhan In:	Convention	Coronavir
517	1	1 CN-Guan	CNAB058	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB058		#######	#######	Wuhan In:	Convention	Coronavir
518	1	1 CN-Guan	CNAB058	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB058	rectal swa	CNAB058	#######	#######	#######	Wuhan In:	Convention	Coronavir
519	1	1 CN-Guan	CNAB058	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB058		#######		Wuhan In:		
520		1 CN-Guan			free-rangii	Rhinoloph	Least hors	8/4/2017	male			CNAB058		#######	#######	Wuhan In:	Convention	Coronavir
521		1 CN-Guan			free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB058		#######	#######	Wuhan In:	Convention	Coronavir
522	1	1 CN-Guan	CNAB058	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	male			CNAB058		#######	#######	Wuhan In:	Convention	Coronavir
523	1	1 CN-Guan	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB059		#######	#######	Wuhan In:	Convention	Coronavir
524	1	1 CN-Guan	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB059		#######		Wuhan In:		
525	1	1 CN-Guan	CNAB059	bats	free-rangii							CNAB059	#######	#######	#######	Wuhan In:	Convention	Coronavir
526		1 CN-Guan			free-rangii	Rhinoloph	Least hors	8/4/2017	female			CNAB059		#######	#######	Wuhan In:	Convention	Coronavir
527	1	1 CN-Guan	CNAB059	bats	free-rangii					CNAB059	rectal swa	CNAB059	#######	#######	#######	Wuhan In	Conventio	Coronavir
528	1	1 CN-Guan	CNAB059	bats	free-rangii							CNAB059		#######	#######	Wuhan In:	Convention	Coronavir
529		1 CN-Guan			free-rangii							CNAB060		#######		Wuhan In:		
530		1 CN-Guan					Least hors					CNAB060				Wuhan In:	Convention	Coronavir
531		1 CN-Guan			free-rangii					CNAB060	rectal swa	CNAB060	#######	#######	#######	Wuhan In:	Convention	Coronavir
532		1 CN-Guan			free-rangii							CNAB061		#######		Wuhan In:		
533		1 CN-Guan			free-rangii							CNAB061		#######		Wuhan In:		
534		1 CN-Guan			free-rangii							CNAB062		#######		Wuhan In:		
535		1 CN-Guan			free-rangii							CNAB062		#######		Wuhan In:		
536	1	1 CN-Guan	CNAB062	bats	free-rangii							CNAB062		#######		Wuhan In:		
537		1 CN-Guan			free-rangii							CNAB062		#######		Wuhan In:		
538		1 CN-Guan			free-rangii							CNAB062				Wuhan In:		
539	1	1 CN-Guan	CNAB063	bats	free-rangii	Hipposide	Horsfield's	8/4/2017	female	CNAB063	rectal swa	CNAB063	#######	#######	#######	Wuhan In:	Convention	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
491	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	TACGCAT
492	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n{ #######	Positive	GAGCTAT
493	Modified \	Watanabe	Product fo	Direct Sec	Wuhan I	n: #######	Positive	CGTAAG
494	Modified \	Watanabe	Product fo	Direct Sec	Wuhan I	n: #######	Positive	CGTAAG
495	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	AGAGCT/
496	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	TGTTGCA
497	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	GAGCTAT
498	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	AGAGCT/
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502	Modified \	Watanabe	Product fo	Direct Sec	Wuhan I	n: #######	Positive	ACGTGTT
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504	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	AGAGCC [*]
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520	Modified \	Watanabe	Product for	Direct Sec	Wuhan I	n: #######	Positive	AGAGCTA
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536 PREDICT_CoV-79 PREDICT_Interpretat CN-003-P 8/9/2018 537 PREDICT_CoV-79 PREDICT_Interpretat CN-003-P 8/9/2018 538 PREDICT_CoV-79 PREDICT_Interpretat CN-003-P 8/9/2018								
537 PREDICT_CoV-79 PREDICT_Interpretat CN-003-P 8/9/2018 538 PREDICT_CoV-79 PREDICT_Interpretat CN-003-P 8/9/2018								
538 PREDICT_CoV-79 PREDICT Interpreta CN-003-P 8/9/2018								
539 PREDICT_CoV-95 PREDICT InterpretatCN-003-P 8/9/2018								

	Α	В	С	D	Е	F	G	Н	I	J	К	L	М	N	0	Р	Q
540	P2	3791	247970	China	EcoHealth	CN-P2Y3	no	Guangxi-	Independe	Guangxi Z	Guang Xi	25.2806	110.358	25.2806	110.358	8/4/2017	Wet
	P2	3792	248040	China	EcoHealth	CN-P2Y3	no		Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	8/20/2017	Wet
	P2	3793	248054	China	EcoHealth	CN-P2Y3	no	Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	8/20/2017	Wet
	P2	3794	248064	China	EcoHealth	CN-P2Y3	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
	P2	3795	248065			CN-P2Y3		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	Wet
	P2	3796	248067			CN-P2Y3			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	
	P2	3797	248068		EcoHealth				Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	
	P2	3798	248072			CN-P2Y3			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	
	P2	3799	248073			CN-P2Y3			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	8/21/2017	
	P2	3800	248084			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3801	248088			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3802	248090			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3803	248093			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3804	248096			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3805	248098			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3806	248099			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3807	248107			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3808	248115			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
	P2	3809	248119			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3810	248120		EcoHealth				Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3811	248123			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3812	248125			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3813	248126			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3814	248127			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3815	248135			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3816	248137		EcoHealth				Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3817	248139			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3818	248146			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3819	248147			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3820	248153			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3821	248155			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3822	248158			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3823	248161		EcoHealth				Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3824	248162			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3825	248163			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3826	248164			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
576		3827	248165			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
	P2	3828	248170			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
578		3829	248178			CN-P2Y3			Independe		Yunnan	21.7813	101.519	21.7813	101.519	8/23/2017	
579		3830	248179		EcoHealth				Independe		Yunnan	21.7813		21.7813		8/23/2017	
580		3831	248180		EcoHealth				Independe		Yunnan	21.7813		21.7813		8/23/2017	
580		3832	248188		EcoHealth				Independe		Yunnan	21.7813		21.7813		8/23/2017	
581		3833	248194		EcoHealth				Independe		Yunnan	21.7813		21.7813		8/23/2017	
583		3834	248202		EcoHealth				rIndepende					23.7185	113.735	9/9/2017	
583		3835	248205		EcoHealth				rIndepende				113.735			9/9/2017	
585		3836	248210		EcoHealth				rIndepende					23.7185	113.735	9/9/2017	
586		3837	248211		EcoHealth				rIndepende					23.7185		9/9/2017	
587		3838	248213		EcoHealth				Independe					23.7185		9/9/2017	
588	Γ Ζ	3839	248215	CHIHA	EcoHealth	UN-2213	IIU	Guangdo	Independe	Guangdor	Guangdor	23./185	113./35	23.7185	113.735	9/9/2017	vvel

	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
540	1	1 CN-Guan	CNAB063	bats	free-rangii	Rhinoloph	Chinese h	8/4/2017	female	CNAB063	rectal swa	CNAB063	#######	#######	#######	Wuhan In:	Convention	Coronavir
541	1	CN-Yunna	CNAB070	bats	free-rangii	Rousettus	Leschena	#######	female	CNAB070	rectal swa	CNAB070	#######	#######	#######	Wuhan In:	Convention	Coronavir
542	1	1 CN-Yunna	CNAB072	bats	free-rangii	Myotis ric	Rickett's b	#######	male	CNAB072	rectal swa	CNAB072	#######	#######	#######	Wuhan In:	Conventio	Coronavir
543	1	1 CN-Yunna	CNAB073	bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB073	rectal swa	CNAB073	#######	#######	#######	Wuhan In:	Convention	Coronavir
544	1	1 CN-Yunna	CNAB073	bats	free-rangii	Myotis da	Daubento	#######	male	CNAB073	rectal swa	CNAB073	#######	#######	#######	Wuhan In:	Conventio	Coronavir
545	1	1 CN-Yunna	CNAB073	bats	free-rangii				female	CNAB073	rectal swa	CNAB073	#######	#######	#######	Wuhan In:	Convention	Coronavir
546	1	CN-Yunna	CNAB073	bats	free-rangii	Rhinoloph	Chinese h	#######	male	CNAB073	rectal swa	CNAB073	#######	#######	#######	Wuhan In:	Conventio	Coronavir
547	1	CN-Yunna	CNAB074	bats	free-rangii	Rhinoloph	Chinese h	#######	female	CNAB074	rectal swa	CNAB074	#######	#######	#######	Wuhan In:	Convention	Coronavir
548	1	1 CN-Yunna	CNAB074	bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB074	rectal swa	CNAB074	#######	#######	#######	Wuhan In:	Conventio	Coronavir
549	1	CN-Yunna	CNAB075	bats	free-rangii				male			CNAB075	#######	#######	#######	Wuhan In:	Convention	Coronavir
550	1	CN-Yunna	CNAB075	bats	free-rangii				male			CNAB075		#######	#######	Wuhan In:	Convention	Coronavir
551	1	CN-Yunna	CNAB075	bats	free-rangii				female	CNAB075	rectal swa	CNAB075	#######	#######	#######	Wuhan Ins	Convention	Coronavir
552	1	CN-Yunna	CNAB076	bats	free-rangii	Rhinoloph	Intermedia	#######	male			CNAB076		#######	#######	Wuhan In:	Convention	Coronavir
553	1	CN-Yunna	CNAB076	bats	free-rangii				male			CNAB076		#######	#######	Wuhan In:	Convention	Coronavir
554	1	CN-Yunna	CNAB076	bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB076	rectal swa	CNAB076	#######	#######	#######	Wuhan In:	Convention	Coronavir
555	1	CN-Yunna	CNAB076	bats	free-rangii	Rhinoloph	Intermedia	#######	male	CNAB076	rectal swa	CNAB076	#######	#######	#######	Wuhan Ins	Convention	Coronavir
556	1	CN-Yunna	CNAB077	bats	free-rangii				male	CNAB077	rectal swa	CNAB077	#######	#######	#######	Wuhan In:	Convention	Coronavir
557	1	CN-Yunna	CNAB078	bats	free-rangii				male	CNAB078	rectal swa	CNAB078	#######	#######	#######	Wuhan Ins	Convention	Coronavir
558	1	CN-Yunna	CNAB078	bats	free-rangii	Eonycteris	Cave nect	#######	male			CNAB078		#######	#######	Wuhan In:	Convention	Coronavir
559	1	CN-Yunna	CNAB078	bats	free-rangii				female	CNAB078	rectal swa	CNAB078	#######	#######	#######	Wuhan Ins	Convention	Coronavir
560	1	CN-Yunna	CNAB079	bats	free-rangii				female	CNAB079	rectal swa	CNAB079	#######	#######	#######	Wuhan In:	Convention	Coronavir
561	1	CN-Yunna	CNAB079	bats	free-rangii	Eonycteris	Cave nect	#######	female	CNAB079	rectal swa	CNAB079	#######	#######	#######	Wuhan In:	Convention	Coronavir
562	1	CN-Yunna	CNAB079	bats	free-rangii				female	CNAB079	rectal swa	CNAB079	#######	#######	#######	Wuhan In:	Convention	Coronavir
563	1	CN-Yunna	CNAB079	bats	free-rangii	Rousettus	Leschena	#######	male	CNAB079	rectal swa	CNAB079	#######	#######	#######	Wuhan In:	Convention	Coronavir
564	1	CN-Yunna	CNAB080	bats	free-rangii				male	CNAB080	rectal swa	CNAB080	#######	#######	#######	Wuhan In:	Convention	Coronavir
565	1	CN-Yunna	CNAB080	bats	free-rangii				male	CNAB080	rectal swa	CNAB080	#######	#######	#######	Wuhan In:	Convention	Coronavir
566	1	CN-Yunna	CNAB080	bats	free-rangii				female	CNAB080	rectal swa	CNAB080	#######	#######	#######	Wuhan In:	Convention	Coronavir
567	1	CN-Yunna	CNAB081	bats	free-rangii				male	CNAB081	rectal swa	CNAB081	#######	#######	#######	Wuhan In:	Convention	Coronavir
568		CN-Yunna			free-rangii				female		rectal swa		#######	#######		Wuhan In:		
569		CN-Yunna			free-rangii				female			CNAB082		#######	#######	Wuhan In:	Convention	Coronavir
570		CN-Yunna			free-rangii				male			CNAB082		#######	#######	Wuhan In:	Convention	Coronavir
571	1	CN-Yunna	CNAB082	bats	free-rangii	Eonycteris	Cave nect	#######	female			CNAB082	#######	#######	#######	Wuhan In:	Convention	Coronavir
572	1	CN-Yunna	CNAB083	bats	free-rangii				male	CNAB083	rectal swa	CNAB083	#######	#######	#######	Wuhan In:	Convention	Coronavir
573	1	I CN-Yunna	CNAB083	bats	free-rangii				male	CNAB083	rectal swa	CNAB083	#######	#######	#######	Wuhan In:	Convention	Coronavir
574	1	CN-Yunna	CNAB083	bats	free-rangii				male	CNAB083	rectal swa		#######	#######	#######		Convention	Coronavir
575		1 CN-Yunna			free-rangii				male				#######	#######				
576	1	I CN-Yunna	CNAB083	bats	free-rangii				female	CNAB083	rectal swa	CNAB083	#######	#######	#######	Wuhan In	Conventio	Coronavir
577		I CN-Yunna			free-rangii				female			CNAB083	#######	#######	#######	Wuhan In:	Convention	Coronavir
578		CN-Yunna			free-rangii				female			CNAB084		#######		Wuhan In:		
579		I CN-Yunna			free-rangii							CNAB084						Coronavir
580		CN-Yunna			free-rangii					CNAB084	rectal swa	CNAB084	#######	#######	#######	Wuhan In:	Convention	Coronavir
581		CN-Yunna			free-rangii							CNAB085		#######		Wuhan In:		
582		CN-Yunna			free-rangii							CNAB086		#######		Wuhan In:		
583		1 CN-Guan			free-rangii							CNAB087		#######		Wuhan In:		
584		1 CN-Guan			free-rangii							CNAB087		#######		Wuhan In:		
585		1 CN-Guan	1		free-rangii							CNAB087		#######				Coronavir
586		1 CN-Guan			free-rangii							CNAB088		#######				Coronavir
587		1 CN-Guan			free-rangii							CNAB088						Coronavir
588	1	CN-Guan	CNAB088	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB088	rectal swa	CNAB088	#######	#######	#######	Wuhan In:	Convention	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
540		Watanabe					Positive	GCATGTT
541		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	AGAGCA
_		Watanabe					Positive	ACTTTCT
		Watanabe					Positive	TAATATG
		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	TCGCAAA
547		Watanabe					Positive	TATGCCT
		Watanabe					Positive	AGAGCTA
549		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	GCACGT
		Watanabe					Positive	CACGTTA
552		Watanabe					Positive	AGAGCTA
		Watanabe		Direct Sec			Positive	AGAGCTA
		Watanabe					Positive	TAGTATG
		Watanabe					Positive	TATGCCT
		Watanabe					Positive	TATGCCT
		Watanabe					Positive	ATTGCCT
		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	TTTTTGC
560		Watanabe				1	Positive	CAACTTG
561		Watanabe					Positive	AACGGT
562		Watanabe					Positive	AGTACGT
		Watanabe					Positive	TTGCGTA
564		Watanabe					Positive	GGCACG
		Watanabe				-	Positive	GTAAGCA
		Watanabe					Positive	AGAGCTA
567		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	TTTGCTA
571		Watanabe					Positive	AGAGCTA
572		Watanabe		Direct Sec			Positive	TATGCCC
573		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	AGAGCTA
		Watanabe					Positive	CGTAAG
		Watanabe					Positive	TATGCCT
577	ł	Watanabe					Positive	AGAGCTA
		Watanabe				-	Positive	TATTGGC
		Watanabe						GCATAGT
		Watanabe						GTAAGCA
		Watanabe						AGAGCTA
		Watanabe						AGAGCTA
		Watanabe						CATAGCA
		Watanabe						AGAGCC
		Watanabe						AACTTAT
		Watanabe						TTAGGAT
		Watanabe						GATAGG
		Watanabe						AGAGCC
. 555								

AR 540 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 541 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 542 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to he 543 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 548 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 550 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 552 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 553 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 555 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 558 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 559 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 563 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 564 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 565 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 566 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a new coronavirus found in a bat, also previously found in bats in Laos, belonging to the betacoronavirus genus. The genus Betacoronavirus includes viruses that are of significance to 569 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 570 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 571 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 572 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 573 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 574 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 575 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 576 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus 578 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos, The genus Betacoronavirus includes virus 580 This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p 581 This is a new coronavirus found in bats belonging to the betacoronavirus genus, and has also been found in bats in Thailand, Cambodia and Laos. The genus Betacoronavirus includes virus This is a strain of the known betacoronavirus Bat Coronavirus HKU9 (Accession Number NC 009021) found in bats. The genus Betacoronavirus includes viruses that are of significance to p This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 586 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 588 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc

	AS	AT	AU	AV	AW	AX	AY
540	strain of Bat coronavirus HKU2	Bat coron	Interpretat	CN-003-P	8/9/2018		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2018		
	strain of bat coronavirus HKU6		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of bat coronavirus HKU6		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
	strain of Hipposideros Bat Alphacoronavirus MJ/67C		Interpretat		8/9/2018		
	PREDICT CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2018		
					8/9/2018		
	PREDICT_CoV-22 PREDICT_CoV-22		Interpretat Interpretat		8/9/2018		
					8/9/2018		
	strain of Bat coronavirus HKU9		Interpretat				
	PREDICT_CoV-22		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-23		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2018		
	PREDICT_CoV-22		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU9		Interpretat		8/9/2018		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2018		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2018		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2018		
	strain of SARS-related betacoronavirus		Interpretat		8/9/2018		
	strain of Bat coronavirus HKU2		Interpretat		8/9/2018		
588	strain of SARS-related betacoronavirus	SARS-rela	Interpretat	CN-003-P	8/9/2018		

	Α	В	С	D	Е	F	G	Н	I	J	K	L	М	N	0	P	Q
589	P2	3840	248220	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangdor	Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	Wet
590		3841	248222	China	EcoHealth	CN-P2Y3	no		· ·		Guangdor		113.735	23.7185	113.735	9/9/2017	Wet
	P2	3842	248224	China		CN-P2Y3			<u> </u>	,	Guangdor		113.735	23.7185	113.735	9/9/2017	Wet
	P2	3843	248225			CN-P2Y3					Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	
	P2	3844	248226			CN-P2Y3					Guangdor		113.735	23.7185	113.735	9/9/2017	
	P2	3845	248226			CN-P2Y3					Guangdor		113.735	23.7185	113.735	9/9/2017	
	P2	3846	248227			CN-P2Y3					Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	
	P2	3847	248228			CN-P2Y3			-		Guangdor		113.735	23.7185	113.735	9/9/2017	
	P2	3848	248229			CN-P2Y3					Guangdor		113.735	23.7185	113.735	9/9/2017	
	P2	3849	248236			CN-P2Y3			-		Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	
	P2	3850	248237			CN-P2Y3					Guangdor		113.735	23.7185	113.735	9/9/2017	
	P2	3851	248242			CN-P2Y3			· ·		Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	
	P2	3852	248245			CN-P2Y3					Guangdor	23.7185	113.735	23.7185	113.735	9/9/2017	
	P2	4628	299078			CN-P2Y3			-	Guangaoi Guangxi Z	_	25.2806	110.755	25.2806	110.755	8/4/2017	
	P2	4629	299251			CN-P2Y3			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	8/22/2017	
604		7510	663448			CN-P2Y4			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	5/13/2018	
	P2	7510	663752			CN-P2Y4			Concurrer		Yunnan	22.4319	100.669	22.4319	100.669	5/13/2018	
	P2		676281										100.009	24.4646		5/10/2018	
	P2	7529 7531	676369			CN-P2Y4 CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322 102.322	5/10/2018	
_									Concurrer		Yunnan	24.4646					
	P2	7532	676402			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7534	676404			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
610		7537	676537			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7539	676547			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
-	P2	7541	676549			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7543	676565			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
-	P2	7545	677483			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7547	677489			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
616		7549	677495			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7551	677499			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
\vdash	P2	7553	677501			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7555	677513			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7557	677519			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7559	677521			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
_	P2	7561	677535			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7563	677547			CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7565	677557		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7567	677559	China	EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
	P2	7569		China		CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
627		7571	677593	China		CN-P2Y4		Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
628	P2	7573	677597		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
629	P2	7575	677599	China	EcoHealth			Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
630		7577	677603		EcoHealth	CN-P2Y4	no	Yunnan-J	Concurrer	Yunnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
631	P2	7579	677605	China	EcoHealth	CN-P2Y4	no		Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
632		7581	677609			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
633	P2	7583	677615			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322		102.322	5/10/2018	
634	P2	7585	677619			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
635	P2	7587	677621			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
636		7589	677635			CN-P2Y4			Concurrer		Yunnan	24.4646	102.322			5/10/2018	
637		7591	677637			CN-P2Y4			Concurrer		Yunnan	24.4646		24.4646		5/10/2018	
001	. –	. 00 1	5001	J					_ 5541161							5. 10, 20 10	

	R	S	T	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	АН	Al
589	1	CN-Guang	CNAB088	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB088	rectal swa	CNAB088	#######	#######	#######	Wuhan In:	Conventio	Coronavir
590	1	CN-Guang	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	male	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
591	1	CN-Guano	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	male	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
592	1	CN-Guano	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
593	1	CN-Guang	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
594	1	CN-Guang	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
595	1	CN-Guano	CNAB089	bats	free-rangii	Rhinoloph	Intermedia	9/9/2017	male	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
596	1	CN-Guano	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
597	1	CN-Guano	CNAB089	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB089	rectal swa	CNAB089	#######	#######	#######	Wuhan In:	Conventio	Coronavir
598	1	CN-Guano	CNAB090	bats	free-rangii	Rhinoloph	Intermedia	9/9/2017	female	CNAB090	rectal swa	CNAB090	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
599	1	CN-Guano	CNAB090	bats	free-rangii	Rhinoloph	Intermedia	9/9/2017	female	CNAB090	rectal swa	CNAB090	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
600	1	CN-Guano	CNAB091	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	female	CNAB091	rectal swa	CNAB091	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
601	1	CN-Guano	CNAB091	bats	free-rangii	Rhinoloph	Chinese h	9/9/2017	male	CNAB091	rectal swa	CNAB091	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
602	1	CN-Guano	CNAB059	bats	free-rangii	Rhinoloph	Least hors	8/4/2017	female	CNAB059	oral swab	CNAB059	#######	4/7/2018	#######	Wuhan Ins	Conventio	Coronavir
603	1	CN-Yunna	CNAB076	bats	free-rangii	Rhinoloph	Intermedia	#######	female	CNAB076	oral swab	CNAB076	#######	4/7/2018	#######	Wuhan Ins	Conventio	Coronavir
604	14	CN-Yunna	CNAR036	rodents/s	l free-rangii	Rattus tar	Oriental h	#######	female	CNAR036	rectal swa	CNAR036	1/8/2019	#######	#######	Wuhan Ins	Conventio	Coronavir
605	14	CN-Yunna	CNAR042	rodents/s	l free-rangii	Rattus tar	Oriental h	#######	male	CNAR042	rectal swa	CNAR042	1/8/2019	#######	#######	Wuhan Ins	Conventio	Coronavir
606	15	CN-Yunna	CNAB093	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB093	oral swab	CNAB093	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
607	15	CN-Yunna	CNAB098	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB098	oral swab	CNAB098	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
608	15	CN-Yunna	CNAB099	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB099	oral swab	CNAB099	#######	#######	#######	Wuhan In:	Conventio	Coronavir
609	15	CN-Yunna	CNAB100	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB100	oral swab	CNAB100	#######	#######	#######	Wuhan In:	Conventio	Coronavir
610	15	CN-Yunna	CNAB106	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB106	oral swab	CNAB106	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
611	15	CN-Yunna	CNAB107	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB107	oral swab	CNAB107	#######	#######	#######	Wuhan In:	Conventio	Coronavir
612	15	CN-Yunna	CNAB107	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB107	oral swab	CNAB107	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
613	15	CN-Yunna	CNAB108	bats	free-rangii	Miniopter	Schreiber'	#######	male	CNAB108	oral swab	CNAB108	#######	#######	#######	Wuhan In:	Conventio	Coronavir
614	15	CN-Yunna	CNAB091	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB091	rectal swa	CNAB091	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
615	15	CN-Yunna	CNAB092	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
616	15	CN-Yunna	CNAB092	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
617	15	CN-Yunna	CNAB092	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan In:	Conventio	Coronavir
618	15	CN-Yunna	CNAB092	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB092	rectal swa	CNAB092	#######	#######	#######	Wuhan Ins	Conventio	Coronavir
619	15	CN-Yunna	CNAB093	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB093	rectal swa	CNAB093	#######	#######	#######	Wuhan In:	Conventio	Coronavir
620	15	CN-Yunna	CNAB093	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB093	rectal swa	CNAB093	#######	#######	#######	Wuhan In:	Conventio	Coronavir
621	15	CN-Yunna	CNAB093	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB093	rectal swa	CNAB093	#######	#######	#######	Wuhan In:	Conventio	Coronavir
622	15	CN-Yunna	CNAB094	bats	free-rangii	Rhinoloph	Thomas's	#######	female	CNAB094	rectal swa	CNAB094	#######	#######	#######	Wuhan In:	Conventio	Coronavir
623	15	CN-Yunna	CNAB095	bats	free-rangii	Rhinoloph	Thomas's	#######	female	CNAB095	rectal swa	CNAB095	#######	#######	#######	Wuhan In:	Conventio	Coronavir
624	15	CN-Yunna	CNAB095	bats	free-rangii	Rhinoloph	Thomas's	#######	female	CNAB095	rectal swa	CNAB095	#######	#######	#######	Wuhan In:	Conventio	Coronavir
625	15	CN-Yunna	CNAB095	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB095	rectal swa	CNAB095	#######	#######	#######	Wuhan In:	Conventio	Coronavir
626	15	CN-Yunna	CNAB097	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB097	rectal swa	CNAB097	#######	#######	#######	Wuhan In:	Conventio	Coronavir
627	15	CN-Yunna	CNAB097	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB097	rectal swa	CNAB097	#######	#######	#######	Wuhan In:	Conventio	Coronavir
628	15	CN-Yunna	CNAB097	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB097	rectal swa	CNAB097	#######	#######	#######	Wuhan In:	Conventio	Coronavir
629	15	CN-Yunna	CNAB097	bats	free-rangii	Miniopter	Schreiber'	#######	female	CNAB097	rectal swa	CNAB097	#######	#######	#######	Wuhan In:	Conventio	Coronavir
630		CN-Yunna					Schreiber'					CNAB097		#######	#######	Wuhan In:	Conventio	Coronavir
631	15	CN-Yunna	CNAB098	bats	free-rangii	Miniopter	Schreiber'	#######	female			CNAB098		#######	#######	Wuhan In:	Conventio	Coronavir
632	15	CN-Yunna	CNAB098	bats			Schreiber'					CNAB098		#######			Conventio	
633		CN-Yunna		-	free-rangii							CNAB098		#######			Conventio	
634	15	CN-Yunna	CNAB098	bats	free-rangii	Rhinoloph	Thomas's	#######	female			CNAB098		#######	#######	Wuhan In:	Conventio	Coronavir
635		CN-Yunna					Thomas's					CNAB098		#######				Coronavir
636		CN-Yunna					Schreiber'					CNAB099		#######				Coronavir
637		CN-Yunna			free-rangii							CNAB099						Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
589					Wuhan In:	#######	Positive	AGAGCC
					Wuhan In:	#######	Positive	TTCTACA
					Wuhan In:		Positive	AGAGCC
					Wuhan In:		Positive	AGAGCC
					Wuhan In:		Positive	CATGCCT
					Wuhan In:		Positive	TATGCCT
					Wuhan In:	#######	Positive	TGTTACA
596	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCC
					Wuhan In:	#######	Positive	TATGCCT
598	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCT/
					Wuhan In:		Positive	AGAGCT/
					Wuhan In:		Positive	AACATGO
					Wuhan In:		Positive	AGAGCC
602	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	5/7/2018	Positive	AGAGCT/
					Wuhan In:			TTGCTGC
					Wuhan In:			TCGTGCT
					Wuhan In:			TCGTGCT
606	Modified \	Natanabe	Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
					Wuhan In:	#######	Positive	AGAGCT
		Vatanabe				#######	Positive	AGAGCT
		Natanabe (#######	Positive	AGAGCT
					Wuhan In:	#######	Positive	AGAGCT
	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
612	Modified \	Watanabe	Product fo	Direct Sec	Wuhan In:	#######	Positive	TTTGCCT
613	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	TTTGCCT
		Watanabe				#######	Positive	AGAGCTT
615	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
616	Modified \	Natanabe	Product fo	Direct Sec	Wuhan In:	#######	Positive	TAATATG
617	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
618	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	ATTGCCT
619	Modified \		Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
620	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	TTTGCCT
621	Modified \		Product fo	Direct Sec	Wuhan In:	#######	Positive	TTTGCCT
622	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	TATGCCT
623	Modified \	Natanabe	Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTA
624	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCT/
625	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
626	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
627	Modified \	Watanabe	Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
628	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	TAATATG
629	Modified \	Watanabe	Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
					Wuhan In:			AGAGCTT
					Wuhan In:			AGAGCTT
632	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCTT
					Wuhan In:	#######	Positive	AGAGCTT
634	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	AGAGCT/
635	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In:	#######	Positive	TATGCCT
						#######	Positive	AGAGCTT
637	Modified \	Natanabe (Product fo	Direct Sec	Wuhan In	#######	Positive	AGAGCT

AR

589 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 590 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 591 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 593 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 594 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 596 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 599 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 600 This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc This a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence to suggest this virus poses a threat to human health. This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 604 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 610 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 614 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 615 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 616 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 617 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 618 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 619 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 620 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 621 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 624 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 626 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 627 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 629 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 630 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 633 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 634 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 635 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 636 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 637 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat

	AS	AT	AU	AV	AW	AX	AY
589	strain of SARS-related betacoronavirus	SARS-rela	Interpreta		8/9/2018		
	strain of SARS-related betacoronavirus		Interpreta		8/9/2018		
	strain of SARS-related betacoronavirus	_	<u> </u>	CN-003-P	8/9/2018		
	strain of SARS-related betacoronavirus		Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2 strain of SARS-related betacoronavirus	_	Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2 strain of SARS-related betacoronavirus		Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2018		
	strain of SARS-related betacoronavirus		Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2018		
	strain of SARS-related betacoronavirus		Interpreta		8/9/2018		
	strain of SARS-related betacoronavirus		Interpreta		8/9/2018		
	PREDICT_CoV-79		Interpreta		8/9/2018		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2018		
	strain of Murine coronavirus		Interpreta		8/9/2019		
	strain of Murine coronavirus			CN-004-P	8/9/2019		
	strain of Marine coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1				8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
			Interpreta				
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU8		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		<u> </u>	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1		Interpreta		8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2		Interpreta		8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
637	strain of Bat Coronavirus 1	Bat coron	Interpreta	CN-004-P	8/9/2019		

	Α	В	С	D	Е	F	G	Н	ı	J	K	L	М	N	0	Р	Q
638	P2	7593	677639	China	EcoHealtl	CN-P2Y4	no	Yunnan-J	Concurrer Yu	unnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
639		7595	677665	China	EcoHealtl	rCN-P2Y4	no	Yunnan-J	Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
640		7597	677667	China	EcoHealtl	CN-P2Y4	no	Yunnan-J	Concurrer Yu	unnan	Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	Wet
641		7599	677669	China	EcoHealtl	CN-P2Y4	no		Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
642		7601	677671	China	EcoHealtl	CN-P2Y4	no	Yunnan-J	iConcurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
643		7603	677677			rCN-P2Y4		Yunnan-J	Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
644		7605	677681			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
645		7607	677693			rCN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
646		7609	677697			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
647		7611	677721			rCN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
648		7613	677723			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
649		7615	677731			CN-P2Y4	-		Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
650		7617	677733	-		CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
651		7619	677737			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
652		7621	677777			CN-P2Y4	-		Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
653		7623	677787			rCN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
654		7625	677789	-		CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
655		7627	677803			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
656		7629	677805			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
657		7631	677841			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
658		7633	677843			CN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
659		7635	677853			rCN-P2Y4			Concurrer Yu		Yunnan	24.4646	102.322	24.4646	102.322	5/10/2018	
660		7637	677919			CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
661		7639	677925			CN-P2Y4	_		Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
662		7641	677937	-		CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
663		7643	677951		-	CN-P2Y4	-		Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
664		7645	677979			CN-P2Y4	-		Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
665		7647	677981			CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
666		7649	677987			rCN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
667		7651	677997			CN-P2Y4	-		Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
668		7653	678019			CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
669		7655	678035			CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
670		7657	678135			CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
671		7659	678219			CN-P2Y4			Concurrer Yu		Yunnan	22.4319	100.669	22.4319	100.669	7/2/2018	
672		7661	678343			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
673		7663	678371			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
674		7665	678381			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
675		7667	678417			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
676		7669	678421			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
677		7671	678425			CN-P2Y4			Concurrer Yu		Yunnan			24.9519		7/18/2018	
678		7673	678427			CN-P2Y4			Concurrer Yu		Yunnan	24.9519		24.9519		7/18/2018	
679		7675	678429			CN-P2Y4			Concurrer Yu		Yunnan	24.9519		24.9519		7/18/2018	
680		7677	678431			CN-P2Y4	-		Concurrer Yu		Yunnan	24.9519		24.9519		7/18/2018	
681		7679	678447			CN-P2Y4			Concurrer Yu		Yunnan	24.9519		24.9519		7/18/2018	
682		7681	678471			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169		102.169	7/18/2018	
683		7683	678479			CN-P2Y4			Concurrer Yu		Yunnan	24.9519	102.169		102.169	7/18/2018	
684		7685	678503			CN-P2Y4			Concurrer Yu		Yunnan	24.9519		24.9519		7/18/2018	
685		7687	678505			CN-P2Y4			Concurrer Yu		Yunnan			24.9519		7/18/2018	
686		7689	678511			CN-P2Y4			Concurrer Yu		Yunnan			24.9519		7/18/2018	
000	1 4	1009	070011	Ullila		UN-1-714	IIU	Ti ui ii lai i-C		ariiidii	i ui ii lai i	∠ + .3013	104.109	47.3013	104.109	111012010	1 A A C f

	R S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
638	15 CN-Yunna	CNAB099	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB099	rectal swa	CNAB099	#######	#######	#######	Wuhan In:	Convention	Coronavir
639	15 CN-Yunna	CNAB101	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB101	rectal swa	CNAB101	#######	#######	#######	Wuhan In:	Convention	Coronavir
640	15 CN-Yunna	CNAB101	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB101	rectal swa	CNAB101	#######	#######	#######	Wuhan In:	Convention	Coronavir
641	15 CN-Yunna	CNAB101	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB101	rectal swa	CNAB101	#######	#######	#######			Coronavir
642	15 CN-Yunna	CNAB101	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB101	rectal swa	CNAB101	#######	#######	#######	Wuhan In:	Convention	Coronavir
643	15 CN-Yunna	CNAB101	bats	free-rangii				male	CNAB101	rectal swa	CNAB101	#######	#######	#######	Wuhan In:	Convention	Coronavir
644	15 CN-Yunna	CNAB101	bats	free-rangii				male	CNAB101	rectal swa	CNAB101	#######	#######	#######	Wuhan In:	Convention	Coronavir
645	15 CN-Yunna	CNAB102	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB102	rectal swa	CNAB102	#######	#######	#######	Wuhan In:	Convention	Coronavir
646	15 CN-Yunna	CNAB102	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB102	rectal swa	CNAB102	#######	#######	#######	Wuhan In:	Convention	Coronavir
647	15 CN-Yunna	CNAB103	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB103	rectal swa	CNAB103	#######	#######	#######	Wuhan In:	Convention	Coronavir
648	15 CN-Yunna	CNAB103	bats	free-rangii	Miniopteru	Schreiber'	#######	male	CNAB103	rectal swa	CNAB103	#######	#######	#######	Wuhan In:	Convention	Coronavir
649	15 CN-Yunna	CNAB104	bats	free-rangii	Miniopteru	Schreiber'	#######	male			CNAB104		#######	#######	Wuhan In:	Convention	Coronavir
650	15 CN-Yunna	CNAB104	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB104	rectal swa	CNAB104	#######	#######	#######	Wuhan In:	Convention	Coronavir
651	15 CN-Yunna			free-rangii	Miniopteru	Schreiber'	#######	female	CNAB104	rectal swa	CNAB104	#######	#######	#######	Wuhan In:	Convention	Coronavir
652	15 CN-Yunna	CNAB106	bats	free-rangii				female			CNAB106			#######	Wuhan In:	Convention	Coronavir
653	15 CN-Yunna	CNAB107	bats	free-rangii	Miniopteru	Schreiber'	#######	female	CNAB107	rectal swa	CNAB107	#######	#######	#######	Wuhan In:	Convention	Coronavir
654	15 CN-Yunna	CNAB107	bats	free-rangii				female	CNAB107	rectal swa	CNAB107	#######	#######	#######	Wuhan In:	Convention	Coronavir
655	15 CN-Yunna	CNAB107	bats	free-rangii				male			CNAB107	#######	#######		Wuhan In:		
656	15 CN-Yunna			free-rangii				male			CNAB108		#######	#######	Wuhan In:	Convention	Coronavir
657	15 CN-Yunna			free-rangii				female			CNAB109						Coronavir
658	15 CN-Yunna			free-rangii				female	CNAB109	rectal swa	CNAB109		#######		Wuhan In:		
659	15 CN-Yunna			free-rangii							CNAB110		#######				Coronavir
660	9 CN-Yunna			free-rangii	Rhinoloph	Thomas's	7/3/2018	male	CNAB113	rectal swa	CNAB113		#######	#######	Wuhan In:	Convention	Coronavir
661	9 CN-Yunna			free-rangii							CNAB114		#######		Wuhan In:		
662	9 CN-Yunna			free-rangii							CNAB114		#######				Coronavir
663	9 CN-Yunna			free-rangii							CNAB115						Coronavir
664	9 CN-Yunna			free-rangii							CNAB116		#######				Coronavir
665	9 CN-Yunna			free-rangii							CNAB116		#######				Coronavir
666	9 CN-Yunna			free-rangii							CNAB117		#######	#######			Coronavir
667	9 CN-Yunna			free-rangii							CNAB117		#######		Wuhan In:		
668	9 CN-Yunna			free-rangii							CNAB118		#######		Wuhan In:		
669	9 CN-Yunna			free-rangii							CNAB119						Coronavir
670	9 CN-Yunna			free-rangii				male			CNAB124				Wuhan In		
671	9 CN-Yunna			free-rangii				male			CNAB128						Coronavir
672	7 CN-Yunna			free-rangii				female			CNAB134		#######				Coronavir
673	7 CN-Yunna			free-rangii				male			CNAB136						Coronavir
674	7 CN-Yunna			free-rangii				female			CNAB136		#######				Coronavir
675	7 CN-Yunna			free-rangi				female	_		CNAB138		#######				Coronavir
676	7 CN-Yunna			free-rangii							CNAB138						Coronavir
677	7 CN-Yunna			free-rangii							CNAB139						Coronavir
678	7 CN-Yunna			free-rangii							CNAB139						Coronavir
679	7 CN-Yunna			free-rangii							CNAB139						Coronavir
680	7 CN-Yunna			free-rangii							CNAB139						Coronavir
681	7 CN-Yunna			free-rangii					-		CNAB140						Coronavir
682	7 CN-Yunna			free-rangii													Coronavir
683	7 CN-Yunna			free-rangii													Coronavir
684	7 CN-Yunna			free-rangii							CNAB142						Coronavir
685	7 CN-Yunna			free-rangii							CNAB143						Coronavir
686	7 CN-Yunna	CNAB143	มลเร	free-rangii	iviyotis ian	Uninese V	############	male		rectal swa	CNAB143	########	#######	#########	vvunan in	Conventio	Coronavir

	AJ	AK	AL	AM	AN	AO	AP	AQ
638	Modified \	Watanabe	Product	fcDirect S	SedWuhan II	n: #######	Positive	AGAGCA [†]
639	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT
640	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCTT
-					SecWuhan II		Positive	AGAGCT
642	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCA
	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCA
644	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT
					SecWuhan II		Positive	AGAGCT
					SecWuhan II		Positive	AGAGCTT
647	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT
648	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCA
649	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT
-					SecWuhan II		Positive	AGAGCT
651	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT
-	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	GAGCTTT
					SecWuhan II		Positive	AGAGCT
					SecWuhan II		Positive	CCTAATA
					SecWuhan II		Positive	AGAGCTT
					SecWuhan II		Positive	AGAGCA
-				_	SecWuhan II		Positive	TTTGCCT
-	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCTT
	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	ATTACCT
					SecWuhan II		Positive	TTTACCT
661	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT/
		-			SecWuhan II		Positive	TAGGATA
663	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCA
664	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCA
665	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT/
666	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT/
667	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCT/
668	Modified \	Watanabe	Product	fcDirect S	SecWuhan li	n: #######	Positive	AGAGCT/
669	Modified \	Watanabe	Product	fcDirect S	SecWuhan li	n: #######	Positive	AGAGCT/
670	Modified \	Watanabe	Product	fcDirect S	SecWuhan li	n: #######	Positive	AGAGCA
671	Modified \	Watanabe	Product	fcDirect S	SecWuhan li	n: #######	Positive	ATTGCCT
672	Modified \	Watanabe	Product	fcDirect S	SecWuhan li	n: #######	Positive	AGAGCTT
673	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	TTTGCCT
674	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	TTGGTTC
675	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	TTTGCCT
676	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCTT
677	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	TTTGCCT
					SecWuhan II			AGAGCTT
679	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCTT
					SecWuhan II		Positive	AGAGCA
					SecWuhan II			AGAGCTT
					SecWuhan II			AGAGCTT
					SecWuhan II			AGAGCT
					SecWuhan II		Positive	GAGCTTT
685	Modified \	Watanabe	Product	fcDirect S	SecWuhan II	n: #######	Positive	AGAGCTT
					SecWuhan II		Positive	AGAGCT

AR 638 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 639 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 640 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC_010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 642 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 644 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 645 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 646 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 648 This is a strain of the known alphacoronavirus Bat coronavirus HKU8 (Genbank Acession No. DQ249228) found in bats. There is no evidence at this time to suggest this virus poses a threat 649 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 650 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 651 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 653 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 654 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 656 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat 658 This is a strain of the known alaphacoronavirus Bat Coronavirus 1 (Genbank Accession No. NC 010437) found in a bat. There is no evidence at this time to suggest this virus poses a threat This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 660 This is the known alphacoronavirus Bat Coronavirus RS4125/4259 (Genbank Accession No. MG916902, MG16903) found in a bat, found previously in China. There is no evidence to sugges 661 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threat This is a strain of SARS-related betacoronavirus (GenBank Accession No. DQ071615) found in bats. The genus Betacoronavirus includes viruses that are of significance to public health suc 663 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 664 This is a strain of Rhinolophus/Hipposideros Alphacoronavirus (Genbank accession No. KP876527/KP895522) found in a bat. There is no evidence at this time to suggest this virus poses a This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 669 This is a strain of the known alphacoronavirus Bat Coronavirus HKU2 (Genbank Accession No. EF203064) found in bats. There is no evidence at this time to suggest this virus poses a threa 670 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 671 This is a strain of the known alphacoronavirus Hipposideros Bat Alphacoronavirus MJ/67C (Genbank accession no. KP895523) found in a bat, found previously in bats in China. There is n 672 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 673 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 674 This is a new coronavirus found in bats belonging to the alphacoronavirus genus. There is no evidence at this time to suggest this virus poses a threat to human health. 675 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 676 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 678 This a strain of Myotis Coronavirus (eg. GenBank Accession No. KF549990, KF569977, KF569984) found in bats. There is no evidence at this time to suggest that this virus pose any risk to 679 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 680 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 681 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 684 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 686 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this

	AS	AT	AU	AV	AW	AX	AY
638	strain of Bat coronavirus HKU8	Bat coron	Interpreta	CN-004-P	8/9/2019		
639	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU8	Bat coron	Interpreta	CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU8			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of Bat Coronavirus 1			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-1	8/9/2019		
	Bat Coronavirus RS4125/4259			CN-004-1	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of SARS-related betacoronavirus			CN-004-P	8/9/2019		
	strain of SARS-related belactionavirus strain of Hipposideros_Bat_Alphacoronavirus_ MJ/67C			CN-004-P	8/9/2019		
	strain of Rhinolophus/Hipposideros Alphacoronavirus			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019		
	strain of Bat coronavirus HKU2						
	strain of Bat coronavirus HKU2			CN-004-P	8/9/2019 8/9/2019		
	strain of Hipposideros_Bat_Alphacoronavirus_MJ/67C			CN-004-P	8/9/2019 8/9/2019		
	strain of Hipposideros_Bat_Alphacoronavirus_ MJ/67C			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P			
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-111			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	strain of Myotis alphacoronavirus			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	strain of bat coronavirus HKU6			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
	PREDICT_CoV-60			CN-004-P	8/9/2019		
686	PREDICT_CoV-60	PREDICT	Interpreta	CN-004-P	8/9/2019		

	Α	В	С	D	ΙE	F	G	Н	1	J	К	L	М	N	0	Р	Q
687		7691	678513	China	-	CN-P2Y4			Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
688		7693	678545			CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
689		7695	678561		_	CN-P2Y4		Yunnan-C			Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
690		7697	678587			CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
691		7699	678613	China		CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
692		7701	678639			CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
693	P2	7703	678641		_	CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
694		7705	678667			CN-P2Y4			Concurrer		Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
695		7707	678669	China		CN-P2Y4		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
696		7709	678677			CN-P2Y4		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
697		7711	678679	China	_	CN-P2Y4		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
698		7713	678683	China		CN-P2Y4		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	
699		7715	678697	China		CN-P2Y4		Yunnan-C	Concurrer	Yunnan	Yunnan	24.9519	102.169	24.9519	102.169	7/18/2018	Wet
700		7875	711572	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1722	113.449	23.1722	113.449	1/20/2017	Dry
701		7876	711575	China	EcoHealth	CN-P2Y3	no		•		Guangdor	23.1722	113.449	23.1722	113.449	1/20/2017	
702		7877	711576	China		CN-P2Y3			<u> </u>		Guangdor	23.1722	113.449	23.1722	113.449	1/20/2017	-
703		7878	711586			CN-P2Y3			•		Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	_
704	P2	7879	711588		EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	Dry
705		7880	711621	China		CN-P2Y3			•	•	Guangdor	23.1722	113.449	23.1722	113.449	1/20/2017	_
706		7881	711628	China	EcoHealth	CN-P2Y3	no				Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	Dry
707	P2	7882	711629	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	Dry
708		7883	711630	China	EcoHealth	CN-P2Y3	no				Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	Dry
709		7884	711635	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.0633	113.253	23.0633	113.253	1/20/2017	Dry
710	P2	7886	711653	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
711	P2	7887	711657	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
712	P2	7888	711658	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
713	P2	7889	711669	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
714	P2	7890	711673	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
715	P2	7891	711675	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
716	P2	7892	711679	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
717		7893	711681	China		CN-P2Y3		Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
718		7895	711702	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
719		7896	711710	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
720		7898	711723	China	EcoHealth	CN-P2Y3	no	Guangdor	Independe	Guangzho	Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	
721		7899	711728		EcoHealth	CN-P2Y3	no				Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	Dry
722		7900	711730			CN-P2Y3			<u> </u>		Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	
723		7902	711751			CN-P2Y3			•		Guangdor	23.1486	113.221	23.1486	113.221	3/7/2017	
724	P2	7905	712036			CN-P2Y3			<u> </u>		Guangdor	23.0901	113.254	23.0901	113.254	6/28/2017	
725	P2	8041	734903			CN-P2Y3					Guangdor		113.254	23.0901	113.254	6/28/2017	
726	P2	8042	734911			CN-P2Y3					Guangdor		113.254	23.0901		6/28/2017	
727		8043	734923			CN-P2Y3					Guangdor		113.254	23.0901	113.254	6/28/2017	
728		8044	734929			CN-P2Y3					Guangdor		113.254	23.0901	113.254	6/28/2017	
729	P2	9545	711684			CN-P2Y3					Guangdor		113.221	23.1486		3/7/2017	
730	P2	9546	711733			CN-P2Y3					Guangdor		113.221	23.1486	113.221	3/7/2017	
731	P2	9547	712073			CN-P2Y3					Guangdor		113.209	23.1576		5/9/2017	
732	P1	281223	468022	China	EcoHealth	N/A	N/A	Huize Tov	N/A	NULL	Yunnan	26.42	103.3	26.42	103.3	4/17/2011	N/A

	R	S	Т	U	V	W	Х	Υ	Z	AA	AB	AC	AD	AE	AF	AG	AH	Al
687			CNAB143	bats	free-rangi	Myotis lan		#######	female		rectal swa			#######				Coronavir
688	7	CN-Yunna	CNAB145					#######	female		rectal swa			#######	#######	Wuhan In	Convention	Coronavir
689	7	CN-Yunna	CNAB145	bats	free-rangi	Rousettus	Leschena	#######	female	CNAB145	rectal swa	CNAB145	#######	#######	#######	Wuhan In	Convention	Coronavir
690	7	CN-Yunna	CNAB147	bats	free-rangi	Myotis ricl	Rickett's b	#######	female	CNAB147	rectal swa	CNAB147	#######	#######	#######	Wuhan In	Convention	Coronavir
691	7	CN-Yunna	CNAB148	bats	free-rangi	Myotis lan	Chinese V	#######	male	CNAB148	rectal swa	CNAB148	#######	#######	#######	Wuhan In	Convention	Coronavir
692	7	CN-Yunna	CNAB149	bats	free-rangi	Myotis lan	Chinese V	#######	male		rectal swa			#######	#######	Wuhan In	Convention	Coronavir
693	7	CN-Yunna	CNAB149	bats	free-rangi	Myotis lan	Chinese V	#######	female	CNAB149	rectal swa	CNAB149	#######	#######	#######	Wuhan In	Convention	Coronavir
694	7	CN-Yunna	CNAB151	bats	free-rangi	Myotis ricl	Rickett's b	#######	female	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In	Convention	Coronavir
695	7	CN-Yunna	CNAB151	bats	free-rangi	Myotis ricl	Rickett's b	#######	male	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In	Convention	Coronavir
696	7	CN-Yunna	CNAB151			Myotis ricl			female		rectal swa		#######	#######				Coronavir
697	7	CN-Yunna	CNAB151	bats	free-rangi	Myotis ricl	Rickett's b	#######	male	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In	Convention	Coronavir
698	7	CN-Yunna	CNAB151	bats	free-rangi	Myotis ricl	Rickett's b	#######	male	CNAB151	rectal swa	CNAB151	#######	#######	#######	Wuhan In	Convention	Coronavir
699	7	CN-Yunna	CNAB152	bats	free-rangi	Myotis ricl	Rickett's b	#######	female	CNAB152	rectal swa	CNAB152	#######	#######	#######	Wuhan In	Convention	Coronavir
700								#######	male		oral swab				3/1/2019	Institute o	Convention	Coronavir
701			CHAR002						male		oral swab							Coronavir
702								#######			oral swab							Coronavir
703			1					#######	female		oral swab							Coronavir
704			CHAR003				,		female	_	oral swab							Coronavir
705			1					#######			rectal swa							Coronavir
706			CHAR002						female		rectal swa							Coronavir
707			CHAR002						male		rectal swa							Coronavir
708								#######			rectal swa							Coronavir
709								#######			rectal swa							Coronavir
710			1				-	3/7/2017			oral swab						-	Coronavir
711			1					3/7/2017		-	oral swab							Coronavir
712								3/7/2017		+	oral swab							Coronavir
713			1				-	3/7/2017			oral swab							Coronavir
714			1					3/7/2017			oral swab oral swab							Coronavir Coronavir
715 716			1				-	3/7/2017			oral swab							Coronavir
717			1					3/7/2017		+	oral swab							Coronavir
718			1					3/7/2017		+	rectal swap						.	Coronavir
719			1					3/7/2017			rectal swa							Coronavir
720							•	3/7/2017			rectal swa							Coronavir
721								3/7/2017		_	rectal swa							Coronavir
722								3/7/2017			rectal swa							Coronavir
723			1					3/7/2017			rectal swa							Coronavir
724			CHAR028						male		oral swab							Coronavir
725								#######			oral swab							Coronavir
726								#######			oral swab					Institute o	Convention	Coronavir
727								#######			rectal swa							Coronavir
728								#######			rectal swa							Coronavir
729								3/7/2017			oral swab							Coronavir
730								3/7/2017			rectal swa							Coronavir
731	1	CN-Guan	CHAR023	rodents/sl	free-rangi	Rattus no	Norway ra	5/9/2017	male		rectal swa				3/1/2019	Institute o	Convention	Coronavir
732	N/A	Huize Tov	EHA-156-	Bats	free-rangi	Rhinoloph	Pearson's	#######	Male	EHA-156-	rectal swa	EHA-156-	########	#######	N/A	Wuhan In	Convention	Paramyxo

	AJ	AK	AL	AM	AN	AO	AP	AQ
687		Vatanabe					Positive	AGAGCT
		Vatanabe					Positive	AGAGCTT
-		Vatanabe					Positive	AGAGCC
		Vatanabe					Positive	AGAGCA
		Vatanabe (Positive	AGAGCTT
692	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	AGAGCTT
693	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	AGAGCA
		Vatanabe (Positive	AGAGCA
695	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	TAATATG
696	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	AGAGCA
697	Modified V	Vatanabe	Product fo	Direct Sec	Wuhan Ins	#######	Positive	ATTACCT
698	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	AGAGCA
699	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	AGAGCA
700	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	TCGAGC
701	Modified V	Vatanabe	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TATGCCA
702	Modified V	Vatanabe	Product fo	Direct Sec	Wuhan Ins	#######	Positive	TATTGTC
		Vatanabe (Positive	TATGCCA
704	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	TACTGC
		<u>Vatanabe</u>					Positive	TACTGC
		Vatanabe (Positive	TATGCCA
		Vatanabe (Positive	TATGCCA
708	Modified V	Vatanabe (Product fo	Direct Sec	Wuhan Ins	#######	Positive	CGTGCTA
		Vatanabe (Positive	TATGCCA
-		Vatanabe (Positive	GACTTCC
		Vatanabe (Positive	TATTGTA
-		Vatanabe (Positive	GGCCTC
		Vatanabe (Positive	TATTGTA
-		Vatanabe					Positive	TAGTGCT
		Vatanabe (Positive	TAATGTA
$\overline{}$		Vatanabe (Positive	GACTTCA
		Vatanabe (Positive	GTAGCTA
-		Vatanabe (Positive	GCCTTCC
-		Vatanabe (Positive	GGCTTC
		Vatanabe (Positive	CAGTAGO
-		Vatanabe (Positive	CCAATGA
		Vatanabe (Positive	GGCTTC
		Vatanabe					Positive	GGCTTC
		Vatanabe					Positive	CTGCGTA
		Vatanabe					Positive	GGCTTC
		Vatanabe						CTGCGTA
		Vatanabe						GGCTTCC
		Vatanabe					Positive	ATTCGCT
-		Vatanabe						GCCTTCC
							Positive	GACTTCC
							Positive	GACTTC
732	Tong et al	NULL	Product to	Cloning ar	IN/A	N/A	Positive	ACACTCT

AR 687 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 688 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this 689 This is a strain of the known betacoronavirus Rousettus Bat Coronavirus/NRC-2 found in bats. This virus is related to several Rousettus bat coronaviruses found in Egypt (eg. Genbank Acce 690 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 691 This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a coronavirus found in bats belonging to the alphacoronavirus genus, previously found in China as a part of the PREDICT project. There is no evidence at this time to suggest that this This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 694 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 699 This is a strain of the known alphacoronavirus Bat coronavirus HKU6 (Accession Number DQ249224) found in bats. There is no evidence at this time to suggest this virus poses a threat to h 700 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 702 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 704 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 705 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 706 This is a strain of Longuan Aa mouse coronavirus (eg. Genbank Accession No. KF294357) found in rodents belonging to the betacoronavirus genus. The genus Betacoronavirus includes vir This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 708 This is a strain of Longuan Aa mouse coronavirus (eg. Genbank Accession No. KF294357) found in rodents belonging to the betacoronavirus genus. The genus Betacoronavirus includes vir 709 This is a strain of Longuan Aa mouse coronavirus (eq. Genbank Accession No. KF294357) found in rodents belonging to the betacoronavirus genus. The genus Betacoronavirus includes vir 710 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 711 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 713 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 714 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 716 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 718 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 719 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 720 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 722 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 724 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 725 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 726 This is a strain of Murine coronavirus (eg. Genbank Accession No. KF268339) found in rodents belonging to the betacoronavirus genus. As part of this project, this virus was also detected in 727 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 728 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 729 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this 730 This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is a strain of Rodent Coronavirus (Genbank Accession no. KY370050, KY370045) in the alphacoronavirus genus, found in a rodent. There is no evidence at this time to suggest that this This is the known virus Newcastle Disease Virus found in a bat. Newcastle Disease Virus infections have been demonstrated experimentally in bats but to our knowledge no natural infections

	AS	AT	AU	AV	AW	AX	AY
	PREDICT_CoV-60		Interpreta CN-		8/9/2019		
	PREDICT_CoV-60		Interpreta CN-		8/9/2019		
	strain of Rousettus Bat Coronavirus/NRC-2		Interpreta CN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	PREDICT_CoV-60		InterpretatCN-		8/9/2019		
	PREDICT_CoV-60		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of bat coronavirus HKU6		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Lonquan Aa mouse coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Lonquan Aa mouse coronavirus	<u> </u>	InterpretatCN-		8/9/2019		
	strain of Lonquan Aa mouse coronavirus		InterpretatCN-		8/9/2019		
	strain of Rodent Coronavirus		Interpreta CN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Rodent Coronavirus		Interpreta CN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		Interpreta CN-		8/9/2019		
	strain of Murine coronavirus		Interpreta CN		8/9/2019		
	strain of Rodent Coronavirus		Interpreta CN-		8/9/2019		
	strain of Rodent Coronavirus		Interpreta CN		8/9/2019		
	strain of Rodent Coronavirus strain of Rodent Coronavirus		InterpretatCN-		8/9/2019 8/9/2019		
	strain of Rodent Coronavirus		InterpretatCN-		8/9/2019		
	strain of Murine coronavirus		InterpretatCN- InterpretatCN-				
	strain of Mulfile Coronavirus		InterpretatCN-		8/9/2019 8/9/2019		
	strain of Rodent Coronavirus strain of Rodent Coronavirus		Interpretation-		8/9/2019		
	strain of Rodent Coronavirus		InterpretatCN-		8/9/2019		
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